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SAO Special Report No. 147

CATALOG OF PRECISELY REDUCED OBSERVATIONS

No. P-11

Compiled by Phyllis Stern, ~~Data Division~~ Comp.

(NASA Grant NsG 87-60)

Smithsonian Institution
Astrophysical Observatory

Cambridge, Massachusetts 02138

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INTRODUCTION[1]

This catalog is the eleventh in the series of SAO Special Reports (listing the positions of artificial satellites as obtained by the SAO Photoreduction Division from the precise reduction of the films taken at the 12 Baker-Nunn Camera Stations.) These catalogs appear regularly and in the same form, each covering periods of six months of observations on satellites tracked by the Observatory. Each catalog includes all precisely reduced observations made during that period that have been checked and found to be without significant errors.

Approximately 2000 new reductions are completed each month. These observations can be independently checked by determining their residuals from the best obtainable orbits. In practice, however, this is not so simple since the best orbits can be obtained only by the use of the same observations that are being checked. Thus we compute orbits regularly from only the precisely reduced observations, and correct those that deviate considerably from the orbits. Finally, the positions are used again to test whether or not their new residuals meet standards for publication.

Only orbits with a standard deviation σ of one observation not exceeding ± 20" are used as reference; on the average, the standard deviation is only between ± 5" and ± 10". All observations with residuals larger than ± 10" are examined to find whether the error is due to the observation or to the poor accuracy of the orbit.

The present catalog includes 1506 observations of Satellite 1959 α 1 (Vanguard II), 883 observations of Satellite 1959 η 1 (Vanguard III), 2404 observations of Satellite 1960 ι 2 (Echo 1 Rocket Body), 3100 observations of Satellite 1961 δ 1 (Explorer IX), 3604 observations of Satellite 1961 α δ 1 (Midas 4), and 1393 observations of Satellite 1962 α ϵ 1 (Telstar). All reliable observations reduced for the period listed in the Table of Contents have been included.

[1]This work was supported by grant NsG 87-60 from the National Aeronautics and Space Administration.

All the observations in this catalog have been checked by the procedure described above, and have small residuals with respect to the obtained orbits. The mean orbital elements obtained from them will be published shortly in a separate SAO Special Report.

The observations (both in position and in time) were reduced essentially by the same method as that explained by the late K. Lassovszky in SAO Special Report 41 (Lassovszky et al., 1960). All the measurements have been made with two-screw comparators of the Mann type.

Although the Baker-Nunn cameras can achieve an accuracy better than ± 2" in the positions (Lassovszky, 1961), the average results may not be so good. Until every position can be given with its proper uncertainty as obtained from the reduction, a standard deviation of ± 4" is assigned to all positions. Four seconds of arc is probably an upper limit on the standard deviation of one position.

The time accuracy of the observations depends primarily on the stability of the station clock and on the reception of the time signals. Uncertainties have been estimated according to these criteria; they vary from ± 0.5 msec to ± 20 msec, with an average value of ± 2 msec.

An additional error in the timing arises from a maladjustment in the centering of the rotating focal-plane shutter that fires the strobe for the photographic recording of the time. This error, although it tends to be systematic for a particular camera, varies in time and according to the cycle period used. Since October, 1960, all cameras have been equipped with a special calibration device to determine the real position of the shutter at the time that the strobe light fires. Since observations made before October, 1960 could not be corrected for this effect, a statistical analysis was made of the errors determined after this installation; the standard deviation characteristic thus obtained for each camera was added to the previously determined time uncertainties. As a result, the standard deviation in the time is a little higher than should be expected.

In order to expedite processing of the observations, it has been found necessary to employ a "smoothed preliminary" A.1 time system in the reductions. The "A.1" times reported for all observations in this catalog which were made in 1961 have been derived by employing the following reductions from the WWV emitted time system to our "smoothed preliminary" A.1 system:

For the Period		A.1-WWV Emitted
1961 July 1.0	1961 July 13.0	$1^s.693\ 434 + 0.001\ 292\ (t - 37{,}480.0)$
1961 July 13.0	1961 Aug. 1.0	$1.694\ 215 + 0.001\ 245\ (t - 37{,}480.0)$
1961 Aug. 1.0	1961 Sept. 21.0	$1.643\ 160 + 0.001\ 280\ (t - 37{,}480.0)$
1961 Sept. 21.0	1961 Oct. 1.0	$1.641\ 500 + 0.001\ 300\ (t - 37{,}480.0)$
1961 Oct. 1.0	1961 Nov. 1.0	$1.642\ 184 + 0.001\ 290\ 764\ (t - 37{,}480.0)$
1961 Nov. 1.0	1962 Jan. 1.0	$1.643\ 272 + 0.001\ 289\ 444\ (t - 37{,}480.0)$
1962 Jan. 01.0	1962 Apr. 01.0	$1.865\ 000 + 0.001\ 123\ 200\ (t - 37{,}650.0)$
1962 Apr. 01.0	1962 Jul. 01.0	$1.864\ 620 + 0.001\ 126\ 800\ (t - 37{,}650.0)$
1962 Jul. 01.0	1963 Jan. 01.0	$1.864\ 704 + 0.001\ 126\ 370\ (t - 37{,}650.0)$

where t is in Modified Julian Days, i.e., Julian Days minus 2,400,000.5 days.

The format of the catalog is as follows:

The first column gives the year, month and day of the observation.

The second column gives the time of observation in the system A.1. (For the observations in 1961 the "A.1" system is the "smoothed preliminary" one defined above. For the observations in 1960 the "A.1" system is that defined in the U.S. Naval Observatory's Time Signals Bulletins.) Due to a misrepresentation of A.1 data, a correction of + .0008 should be applied to the time of all films exposed prior to 1 January 1961.

The third column gives the root mean-square (standard error) of the time expressed in milliseconds.

The fourth gives the topocentric right ascension expressed in hours, minutes and seconds of time; and the fifth, the topocentric declination in degrees, minutes and seconds of arc. These positions refer to the mean equator and equinox of 1950.0. Since the reference stars were not reduced to a common catalog system, it is not easy to define the R.A. and Decl. system. The errors that result from not using a common reference system are certainly less than one second of arc; Special Report 41 (Lassovszky et al., 1960) gives a list of the star catalogs used, arranged according to the declination zone of each. The positions have not been corrected for parallactic refraction (this correction will hardly ever exceed 2 seconds of arc).

The sixth column gives the standard error (RMS) of the position expressed in seconds of arc, always four in this catalog.

The seventh column gives the number and name of the Baker-Nunn station; the name is occasionally abbreviated. The positions of the stations are given in SAO Special Report 59 (Veis, 1961).

The eighth column gives the film and frame number.

The ninth column gives in abbreviation the name of the measurer.

The tenth column gives the observation number assigned by SAO.

This catalog is the result of the work of many members of the staff of the Satellite Tracking Program of the Smithsonian Astrophysical Observatory, who contributed in different capacities. The laborious final checking and preparation for publication were done by Miss Phyllis Stern and Mrs. Janice MacDonald.

February, 1964

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LASSOVSZKY, K., et al.
1960. Catalogue of precise satellite positions. Smithsonian Astrophys. Obs., Special Report No. 41, 37 pp.

VEIS, G.
1961. The positions of the Baker-Nunn camera stations. Smithsonian Astrophys. Obs., Special Report No. 59, 5 pp.

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	2	0	43	31.3357	1	12	1	18.840	27	52	31.40	4	9009	CURACAO	5387	5	NG	3507
	7	2	0	43	55.3360	1	12	9	26.138	29	53	18.61	4	9009	CURACAO	5387	8	NG	3508
	7	2	5	4	30.4797	1	13	49	44.113	13	48	4.54	4	9001	ORGAN PASS	6884	4	NG	3320
	7	2	5	4	38.4816	1	13	53	41.931	14	17	11.79	4	9001	ORGAN PASS	6884	6	NG	3321
	7	3	4	7	9.7465	1	13	28	34.985	36	5	57.95	4	9010	JUPITER	6816	5	HB	3639
	7	3	4	7	17.7465	1	13	32	14.746	36	53	5.94	4	9010	JUPITER	6816	6	HB	3640
	7	3	22	54	48.5992	3	14	14	44.841	11	49	34.64	4	9004	SAN FERNAN	5814	4	SS	3625
	7	3	22	54	56.5957	3	14	18	51.702	12	6	1.51	4	9004	SAN FERNAN	5814	6	SS	3626
	7	4	7	8	12.3384	1	12	29	27.162	33	37	58.09	4	9012	MAUI	6902	3	NG	3524
	7	4	7	8	28.3384	1	12	35	40.807	34	59	8.30	4	9012	MAUI	6902	7	NG	3525
	7	4	9	23	29.5896	1	12	54	32.406	49	16	23.29	4	9012	MAUI	6908	2	SE	3526
	7	4	9	23	41.5897	1	12	58	35.443	50	30	33.90	4	9012	MAUI	6908	5	SE	3527
	7	6	0	53	49.2876	1	11	45	52.045	46	41	28.29	4	9009	CURACAO	5434	6	NG	3509
	7	6	3	43	46.2401	1	1	13	52.600	40	13	49.57	4	9002	OLIFANTS	8153	6	BZ	3406
	7	6	3	43	54.2402	1	1	24	22.079	39	8	21.04	4	9002	OLIFANTS	8153	8	BZ	3264
	7	6	7	13	39.6633	1	12	37	20.267	43	45	7.32	4	9012	MAUI	6921	3	SE	3528
	7	6	7	13	55.6634	1	12	44	27.371	45	5	4.21	4	9012	MAUI	6921	7	SE	4137
	7	6	9	28	13.3331	1	13	4	25.110	49	6	34.39	4	9012	MAUI	6927	2	FI	3529
	7	6	9	28	37.3341	1	13	13	20.976	51	15	16.90	4	9012	MAUI	6927	8	FI	3530
	7	6	20	29	8.4430	1	3	6	29.928	29	14	13.55	4	9003	WOOMERA	10084	5	SE	3328
	7	6	20	29	26.4427	1	3	22	15.604	26	34	34.85	4	9003	WOOMERA	10084	13	SE	3329
	7	6	21	55	34.7600	3	14	18	22.973	16	37	24.54	4	9004	SAN FERNAN	5833	3	VE	3541
	7	6	21	55	50.7600	3	14	27	22.709	17	7	39.88	4	9004	SAN FERNAN	5833	7	VE	3542
	7	6	23	55	38.4259	1	16	33	53.941	60	46	39.43	4	9009	CURACAO	5448	3	NG	3510
	7	6	23	56	2.4256	1	16	53	58.940	60	32	54.39	4	9009	CURACAO	5448	6	NG	3511
	7	7	23	3	26.9888	3	14	5	0.081	15	32	57.77	4	9004	SAN FERNAN	5852	5	SS	3631
	7	7	23	3	58.9891	3	14	19	40.060	16	0	29.66	4	9004	SAN FERNAN	5852	9	SS	3632
	7	8	0	59	32.9333	1	11	57	52.617	55	24	27.50	4	9009	CURACAO	5463	4	PB	3512
	7	8	0	59	48.9331	1	12	4	5.889	56	34	23.57	4	9009	CURACAO	5463	6	PB	3513
	7	8	3	47	47.3291	1	22	57	26.529	33	10	4.12	4	9002	OLIFANTS	8170	4	BZ	3265
	7	8	3	47	59.3289	1	23	12	55.891	32	17	11.11	4	9002	OLIFANTS	8170	7	BZ	3266
	7	8	3	52	45.9909	1	5	14	59.466	-10	55	4.44	4	9002	OLIFANTS	8171	4	BZ	3301
	7	8	3	52	53.9911	1	5	20	1.635	-11	26	15.11	4	9002	OLIFANTS	8171	6	BZ	3302
	7	8	5	18	3.2043	1	13	36	33.554	25	30	13.47	4	9001	ORGAN PASS	6995	3	NG	3322
	7	8	7	18	28.3972	1	12	36	37.445	48	25	10.38	4	9012	MAUI	6942	3	FI	3531
	7	8	7	18	36.3973	1	12	40	13.019	49	1	38.58	4	9012	MAUI	6942	5	FI	3532
	7	8	9	33	27.6902	1	13	32	50.175	49	39	6.34	4	9012	MAUI	6946	8	FI	4129
	7	8	21	59	45.0197	3	14	7	43.334	18	53	1.64	4	9004	SAN FERNAN	5867	5	SS	3630
	7	9	0	11	58.2417	3	14	34	10.932	9	16	32.30	4	9004	SAN FERNAN	5872	4	SS	3629
	7	9	2	46	22.7140	1	2	18	27.356	32	52	11.31	4	9002	OLIFANTS	8179	3	BZ	3303
	7	9	2	46	34.7140	1	2	32	15.933	30	29	51.80	4	9002	OLIFANTS	8179	9	BZ	3304
	7	9	20	57	46.4123	3	15	28	56.831	22	23	32.99	4	9004	SAN FERNAN	5891	4	VE	3543
	7	9	20	57	58.4124	3	15	37	2.642	22	29	22.64	4	9004	SAN FERNAN	5891	7	VE	3544
	7	9	23	7	57.4996	3	14	11	59.982	14	52	15.02	4	9004	SAN FERNAN	5895	2	SS	3627
	7	9	23	8	13.4995	3	14	18	52.591	14	53	17.87	4	9004	SAN FERNAN	5895	6	SS	3628

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	10	1	4	54.2035	1	12	11	35.132	60	40	59.51	4	9009	CURACAO	5489	3	PB	4177
	7	10	1	5	26.2031	1	12	26	57.799	62	49	1.50	4	9009	CURACAO	5489	7	PB	5834
	7	10	3	17	52.6571	1	19	8	42.574	24	33	32.12	4	9001	ORGAN PASS	7017	4	NG	3323
	7	10	3	18	0.6559	1	19	12	46.351	24	10	1.29	4	9001	ORGAN PASS	7017	6	NG	3324
	7	10	3	21	56.3976	1	14	2	12.194	68	26	30.39	4	9009	CURACAO	5491	5	CB	4181
	7	10	3	52	50.9781	1	22	5	9.149	13	38	11.48	4	9002	OLIFANTS	8190	2	TJ	3336
	7	10	20	38	49.6239	1	2	25	58.423	9	2	36.10	4	9003	WOOMERA	10115	2	HB	3330
	7	11	0	16	54.9404	3	14	53	50.134	5	15	24.75	4	9004	SAN FERNAN	5920	5	VE	3545
	7	11	0	17	10.9407	3	15	0	7.194	4	43	0.89	4	9004	SAN FERNAN	5920	7	VE	3546
	7	11	2	51	22.2812	1	1	53	4.666	19	40	44.98	4	9002	OLIFANTS	8201	8	BZ	3305
	7	11	2	52	55.6834	1	3	56	12.867	0	25	27.10	4	9002	OLIFANTS	8202	6	BZ	3306
	7	11	2	52	57.6834	1	3	58	8.194	0	7	30.80	4	9002	OLIFANTS	8202	7	BZ	3307
	7	11	6	17	50.7232	1	12	31	17.998	49	11	48.52	4	9012	MAUI	6959	4	FI	3636
	7	11	8	33	15.7693	1	13	20	40.039	50	5	49.48	4	9012	MAUI	6964	5	FI	3534
	7	11	9	8	30.4215	1	2	16	4.695	29	2	18.06	4	9011	VILLA DOLO	6100	5	SS	3555
	7	11	9	8	34.4216	1	2	20	58.961	28	22	48.92	4	9011	VILLA DOLO	6100	7	SS	3556
	7	11	20	59	57.0152	3	14	8	34.653	22	15	32.38	4	9004	SAN FERNAN	5940	5	LE	3547
	7	11	21	0	13.0156	3	14	16	57.427	22	31	25.65	4	9004	SAN FERNAN	5940	9	LE	3548
	7	12	1	10	53.4294	1	13	0	23.891	66	30	19.41	4	9009	CURACAO	5513	3	CB	4182
	7	12	1	11	17.4298	1	13	17	28.172	67	50	14.38	4	9009	CURACAO	5513	6	CB	4183
	7	12	3	25	29.8735	1	13	42	40.065	59	7	8.77	4	9009	CURACAO	5516	3	LE	4184
	7	12	3	26	9.8740	1	14	4	40.524	61	30	22.70	4	9009	CURACAO	5516	8	LE	4185
	7	12	3	57	48.5994	1	21	14	46.343	- 6	12	10.36	4	9002	OLIFANTS	8214	4	SS	3557
	7	12	3	58	23.3829	1	21	48	30.627	-13	54	54.05	4	9002	OLIFANTS	8214	13	SS	3558
	7	12	4	1	36.2964	1	4	59	24.135	-41	15	28.44	4	9002	OLIFANTS	8215	12	BZ	3602
	7	12	4	1	53.2321	1	5	20	53.458	-39	38	4.78	4	9002	OLIFANTS	8215	17	BZ	3603
	7	12	10	14	11.4336	3	21	23	13.689	-72	33	30.67	4	9007	AREQUIPA	6498	8	NG	5833
	7	13	0	3	32.8500	1	11	55	33.595	59	26	23.56	4	9009	CURACAO	5525	4	LE	4186
	7	13	0	3	56.8497	1	12	6	59.422	60	42	21.09	4	9009	CURACAO	5525	7	LE	4187
	7	13	2	22	19.6585	1	14	39	48.057	68	47	44.08	4	9009	CURACAO	5528	3	PB	4188
	7	13	2	22	43.6585	1	15	5	15.059	69	48	18.11	4	9009	CURACAO	5528	6	PB	4189
	7	13	6	23	12.7952	1	12	58	51.118	53	53	53.05	4	9012	MAUI	6980	4	SS	3535
	7	13	6	23	16.7996	1	13	1	8.938	54	5	40.66	4	9012	MAUI	6980	5	SS	3536
	7	13	8	37	48.0558	1	13	34	40.210	46	7	10.65	4	9012	MAUI	6984	3	SS	3537
	7	13	8	38	4.0559	1	13	42	9.049	46	46	23.64	4	9012	MAUI	6984	7	SS	3538
	7	13	19	41	10.9449	1	3	24	31.951	4	54	32.58	4	9003	WOOMERA	10130	12	HB	3331
	7	13	19	41	12.9449	1	3	27	6.889	4	36	1.79	4	9003	WOOMERA	10130	13	HB	3332
	7	14	1	16	35.3969	1	14	1	30.662	68	35	8.28	4	9009	CURACAO	5543	4	PB	4179
	7	14	1	16	59.3969	1	14	23	47.261	69	27	21.60	4	9009	CURACAO	5543	7	PB	5835
	7	14	5	31	38.4238	1	14	5	19.600	19	18	43.86	4	9001	ORGAN PASS	7051	8	SS	3325
	7	14	5	31	42.4239	1	14	6	53.536	19	16	59.04	4	9001	ORGAN PASS	7051	9	SS	3326
	7	14	7	34	9.3814	1	14	0	51.526	54	22	35.91	4	9012	MAUI	7001	3	SS	3539
	7	14	7	34	25.3813	1	14	11	52.048	54	58	19.66	4	9012	MAUI	7001	7	SS	4130
	7	14	20	49	24.7421	1	3	37	28.027	-30	27	29.22	4	9003	WOOMERA	10140	7	SE	3333
	7	14	20	49	26.7421	1	3	41	51.102	-30	23	47.97	4	9003	WOOMERA	10140	8	SE	3334

CATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	15	2	21	27.9634	1	13	54	44.978	40	22	33.64	4	9010	JUPITER	6984	5	FI	3641
	7	15	3	3	23.0926	1	5	11	1.438	-35	55	36.38	4	9002	OLIFANTS	8237	10	BZ	3604
	7	15	3	3	39.0923	1	5	25	28.628	-34	23	39.61	4	9002	OLIFANTS	8237	14	BZ	3605
	7	15	6	28	10.8093	1	13	21	27.933	54	57	56.06	4	9012	MAUI	7015	4	HB	3637
	7	15	6	28	26.8096	1	13	31	29.372	55	32	44.32	4	9012	MAUI	7015	8	HB	3638
	7	15	21	8	6.7371	1	13	59	9.158	20	41	7.18	4	9004	SAN FERNAN	5997	5	LE	3549
	7	15	21	8	30.7368	1	14	10	0.182	20	37	20.32	4	9004	SAN FERNAN	5997	8	LE	3550
	7	16	3	24	25.9267	10	14	40	51.978	31	25	49.16	4	9001	ORGAN PASS	7092	4	SE	3547
	7	16	7	38	6.4438	1	13	50	26.251	48	40	23.48	4	9012	MAUI	7040	6	FI	3635
	7	17	3	7	11.0923	1	3	25	2.013	-64	6	42.45	4	9002	OLIFANTS	8266	5	BZ	3731
	7	17	3	7	59.5606	1	5	19	46.108	-52	16	28.95	4	9002	OLIFANTS	8267	2	BZ	3732
	7	17	3	8	3.5606	1	5	24	55.482	-51	21	21.23	4	9002	OLIFANTS	8267	4	BZ	4110
	7	19	3	11	57.7505	1	2	10	46.624	-78	14	14.59	4	9002	OLIFANTS	8295	5	FI	3820
	7	19	3	12	25.7480	1	4	52	53.216	-70	56	29.05	4	9002	OLIFANTS	8295	12	FI	3821
	7	19	3	13	20.1908	1	6	15	34.785	-54	15	30.00	4	9002	OLIFANTS	8296	2	FI	3822
	7	19	6	38	3.1617	1	14	10	16.424	49	32	30.46	4	9012	MAUI	7076	3	SS	3633
	7	19	6	38	19.1618	1	14	19	49.308	49	38	38.17	4	9012	MAUI	7076	7	SS	3634
	7	19	19	57	1.4824	3	5	27	6.635	-28	5	18.77	4	9003	WOOMERA	10180	15	TJ	3335
	7	20	16	7	56.1859	1	14	8	8.356	17	4	49.75	4	9006	NAIN TAL	4738	3	SS	3740
	7	20	16	8	12.1861	1	14	13	56.420	16	39	43.56	4	9006	NAIN TAL	4738	5	SS	3741
	7	21	3	18	17.6622	1	6	35	23.422	-57	46	5.32	4	9002	OLIFANTS	8330	3	WS	3824
	7	21	17	10	10.6614	3	14	11	57.932	20	40	30.04	4	9008	SHIRAZ	8714	4	SS	3747
	7	22	1	34	48.0939	1	14	26	49.720	46	22	42.41	4	9009	CURACAO	5600	5	WS	3514
	7	22	1	35	4.0942	1	14	34	37.671	46	19	11.45	4	9009	CURACAO	5600	7	WS	3515
	7	22	3	42	17.3678	1	14	3	54.768	7	40	27.69	4	9010	JUPITER	7064	4	FI	3642
	7	22	3	42	41.3649	1	14	10	9.631	6	49	37.20	4	9010	JUPITER	7064	7	FI	3643
	7	22	7	50	55.4311	1	13	58	1.923	25	52	55.38	4	9012	MAUI	7131	3	HB	3749
	7	22	7	51	15.4312	1	14	5	0.804	25	29	7.99	4	9012	MAUI	7131	8	HB	4120
	7	23	0	30	35.1452	1	15	4	13.302	53	20	23.39	4	9009	CURACAO	5616	3	WS	3516
	7	23	0	31	7.1453	1	15	23	1.751	52	47	30.94	4	9009	CURACAO	5616	7	WS	3517
	7	23	2	38	38.2816	1	14	5	17.216	13	50	36.76	4	9010	JUPITER	7075	4	NG	3500
	7	23	2	39	2.2852	1	14	13	7.796	13	3	16.49	4	9010	JUPITER	7075	7	NG	3501
	7	23	3	21	40.3789	1	21	12	38.886	-79	30	44.65	4	9002	OLIFANTS	8363	3	WS	3825
	7	23	3	21	59.2308	1	0	42	11.794	-84	23	47.27	4	9002	OLIFANTS	8363	10	WS	3826
	7	23	3	23	8.8841	1	6	33	11.209	-61	8	28.08	4	9002	OLIFANTS	8364	4	CB	3827
	7	23	3	23	10.8841	1	6	34	33.330	-60	26	7.43	4	9002	OLIFANTS	8364	5	CB	3828
	7	23	17	14	42.1037	3	14	16	21.046	12	24	41.28	4	9008	SHIRAZ	8755	6	SS	4118
	7	23	21	25	29.4644	1	14	15	11.747	0	48	13.72	4	9004	SAN FERNAN	6099	4	LE	3551
	7	23	21	26	1.4648	1	14	24	49.919	- 0	23	41.86	4	9004	SAN FERNAN	6099	8	LE	3552
	7	24	1	34	10.3924	1	14	6	11.334	21	51	52.85	4	9010	JUPITER	7090	4	TJ	3502
	7	24	1	34	34.3972	1	14	15	31.307	21	11	43.18	4	9010	JUPITER	7090	7	TJ	3503
	7	24	1	47	48.2990	3	18	56	42.021	53	58	3.74	4	9007	AREQUIPA	6623	7	NG	3737
	7	24	7	55	26.5894	1	14	2	33.761	16	25	6.61	4	9012	MAUI	7150	4	HB	3747
	7	24	7	55	38.5895	1	14	6	9.578	16	1	52.42	4	9012	MAUI	7150	7	HB	3748
	7	25	0	34	37.4104	1	14	41	50.834	45	18	12.39	4	9009	CURACAO	5638	4	LE	4173

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS. NO.
1962	7	25	0	35	1.4109	1	14	53	32.749	44	50	24.45	4	9009	CURACAO	5638	7	LE	4174
	7	25	2	42	46.2212	1	14	2	17.754	6	11	58.01	4	9010	JUPITER	7114	3	NG	3504
	7	25	2	43	2.2199	1	14	6	44.520	5	35	6.67	4	9010	JUPITER	7114	5	NG	3505
	7	25	3	27	3.0381	1	0	42	39.406	-81	19	6.72	4	9002	OLIFANTS	8382	10	CB	3829
	7	25	3	28	58.8966	1	6	44	19.710	-42	8	51.02	4	9002	OLIFANTS	8383	6	HB	3830
	7	25	3	29	6.8966	1	6	47	30.590	-39	53	32.05	4	9002	OLIFANTS	8383	8	HB	3831
	7	25	21	30	22.6446	1	14	23	55.874	- 6	44	1.58	4	9004	SAN FERNAN	6111	2	CB	3553
	7	25	21	31	2.6450	1	14	34	43.491	- 8	23	32.81	4	9004	SAN FERNAN	6111	7	CB	3554
	7	26	8	0	8.1652	1	14	7	4.000	6	33	3.05	4	9012	MAUI	7159	4	LE	3746
	7	26	8	0	16.1652	1	14	9	8.253	6	13	10.96	4	9012	MAUI	7159	6	HB	4119
	7	27	6	55	36.7302	1	14	5	56.511	14	46	39.99	4	9012	MAUI	7169	4	SS	3744
	7	27	6	55	44.7303	1	14	8	29.333	14	28	37.60	4	9012	MAUI	7169	6	SS	3745
	7	28	1	47	45.0395	1	14	7	31.329	14	53	53.63	4	9009	CURACAO	5669	5	LE	4175
	7	29	0	44	7.6617	1	14	34	43.418	22	13	37.41	4	9009	CURACAO	5678	4	CB	4207
	7	29	0	44	31.6625	1	14	43	11.288	21	14	50.47	4	9009	CURACAO	5678	7	CB	4176
	7	29	3	36	43.8368	1	22	44	13.422	-51	18	9.80	4	9002	OLIFANTS	8444	5	HB	3832
	7	30	1	48	28.9928	1	14	15	39.852	- 7	33	17.27	4	9010	JUPITER	7180	3	PB	3506
	7	30	2	35	39.1569	1	5	46	3.751	-32	16	6.77	4	9002	OLIFANTS	8461	4	HB	3833
	7	30	2	35	45.1569	1	5	49	31.206	-30	32	25.39	4	9002	OLIFANTS	8461	7	HB	3834
	7	30	18	44	28.0088	1	18	14	39.668	36	37	48.51	4	9002	OLIFANTS	8473	6	HB	3835
	7	30	18	44	52.0093	1	18	23	37.624	35	41	50.64	4	9002	OLIFANTS	8473	9	HB	3836
	7	31	9	58	12.4720	1	5	27	11.958	-79	44	24.47	4	9007	AREQUIPA	6701	4	NG	3735
	7	31	23	51	0.6104	1	17	25	28.404	40	5	15.87	4	9007	AREQUIPA	6706	4	NG	3738
	7	31	23	51	24.6099	1	17	32	58.741	39	4	34.48	4	9007	AREQUIPA	6706	7	NG	3739
	8	1	2	40	46.0145	1	5	11	28.107	-16	48	21.72	4	9002	OLIFANTS	8500	11	PL	5585
	8	1	6	4	29.0106	1	15	21	56.870	-12	30	18.75	4	9012	MAUI	7199	5	PL	6150
	8	1	18	49	31.6569	1	18	1	30.317	27	13	0.65	4	9002	OLIFANTS	8508	3	PL	5586
	8	1	18	49	39.6571	1	18	4	35.665	26	52	58.09	4	9002	OLIFANTS	8508	4	PL	5587
	8	2	3	46	17.5394	1	22	24	56.225	- 2	29	15.06	4	9002	OLIFANTS	8527	4	YK	5588
	8	2	3	46	49.5374	1	23	8	24.935	3	17	39.66	4	9002	OLIFANTS	8527	12	YK	5589
	8	2	3	49	49.6204	1	4	35	16.699	33	1	39.86	4	9002	OLIFANTS	8528	6	YK	7253
	8	2	3	49	57.6205	1	4	44	39.733	33	15	55.02	4	9002	OLIFANTS	8528	8	YK	7785
	8	2	10	2	31.1093	1	23	4	41.543	23	0	21.52	4	9011	VILLA DOLO	6320	3	DU	5795
	8	2	10	2	43.1095	1	23	17	49.587	25	1	59.25	4	9011	VILLA DOLO	6320	9	DU	5796
	8	2	17	48	37.9129	1	19	17	44.154	20	2	20.73	4	9002	OLIFANTS	8536	5	YK	5591
	8	2	17	49	9.9136	1	19	28	4.466	18	30	54.95	4	9002	OLIFANTS	8536	9	YK	5592
	8	2	20	29	32.2725	1	23	6	0.339	22	48	37.05	4	9003	WOOMERA	10347	4	DU	6503
	8	2	20	29	40.2726	1	23	15	2.471	24	13	38.40	4	9003	WOOMERA	10347	8	DU	6504
	8	3	2	45	21.4979	1	3	41	57.874	- 0	6	10.20	4	9002	OLIFANTS	8546	14	VD	5593
	8	3	2	46	16.2513	1	4	50	9.743	9	23	37.92	4	9002	OLIFANTS	8547	5	VD	5594
	8	3	6	5	31.8810	1	14	7	33.566	-11	39	7.34	4	9012	MAUI	7216	3	PL	6151
	8	3	18	54	18.3690	1	17	43	1.912	16	33	13.97	4	9002	OLIFANTS	8560	3	VD	7254
	8	3	18	54	42.3692	1	17	52	38.686	15	26	48.16	4	9002	OLIFANTS	8560	6	VD	7255
	8	4	3	52	2.9705	1	23	20	28.232	23	39	40.18	4	9002	OLIFANTS	8578	12	VD	5595
	8	4	17	53	52.9007	1	19	19	43.959	9	26	34.97	4	9002	OLIFANTS	8582	6	MY	5596

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	4	17	54	24.9016	1	19	31	12.127	7	55	25.68	4	9002	OLIFANTS	8582	10	MY	5597
	8	4	19	59	35.4962	1	15	52	34.499	8	11	23.49	4	9002	OLIFANTS	8586	6	MY	5598
	8	4	19	59	59.4967	1	15	58	47.868	7	17	12.00	4	9002	OLIFANTS	8586	9	MY	5599
	8	4	23	57	9.4567	1	15	22	25.541	-19	40	21.69	4	9009	CURACAO	5738	5	MY	7783
	8	4	23	57	33.4567	1	15	29	52.822	-21	0	24.66	4	9009	CURACAO	5738	8	MY	5794
	8	5	9	6	38.9705	1	5	32	3.193	-30	9	13.80	4	9007	AREQUIPA	6767	7	VD	5774
	8	5	16	51	33.1622	1	19	39	36.657	7	41	14.69	4	9002	OLIFANTS	8608	5	PK	4930
	8	5	16	51	57.1624	1	19	46	4.341	6	45	43.58	4	9002	OLIFANTS	8608	8	PK	4931
	8	5	18	59	27.2352	1	17	35	26.136	3	15	46.12	4	9002	OLIFANTS	8612	4	MY	5600
	8	5	18	59	51.2359	1	17	45	38.677	2	0	31.65	4	9002	OLIFANTS	8612	7	MY	5601
	8	6	1	6	40.0554	1	15	6	28.841	10	54	23.08	4	9007	AREQUIPA	6774	4	VD	5775
	8	6	1	7	28.0549	1	15	19	27.654	8	50	9.95	4	9007	AREQUIPA	6774	10	VD	5776
	8	6	17	58	50.2898	1	19	19	2.988	- 1	41	48.45	4	9002	OLIFANTS	8630	8	BA	5573
	8	6	17	58	58.2898	1	19	22	14.901	- 2	3	7.13	4	9002	OLIFANTS	8630	9	BA	5574
	8	7	9	12	11.9718	1	4	58	6.105	3	12	16.31	4	9007	AREQUIPA	6793	5	PK	5769
	8	7	9	12	15.9718	1	5	1	55.882	4	4	12.83	4	9007	AREQUIPA	6793	7	PK	5770
	8	7	19	4	22.9349	1	17	25	31.746	- 9	56	22.12	4	9002	OLIFANTS	8651	4	RO	5579
	8	7	19	4	54.9352	1	17	40	1.575	-11	44	30.98	4	9002	OLIFANTS	8651	8	RO	5580
	8	8	1	10	45.5829	1	14	42	17.847	0	43	8.13	4	9007	AREQUIPA	6798	3	GL	5781
	8	8	1	11	17.5827	1	14	49	52.809	- 0	45	19.90	4	9007	AREQUIPA	6798	7	GL	5782
	8	8	18	3	48.4259	1	19	22	44.734	-13	25	3.02	4	9002	OLIFANTS	8670	3	BO	5602
	8	8	18	4	28.4266	1	19	40	34.444	-14	49	34.80	4	9002	OLIFANTS	8670	8	BO	5603
	8	9	0	7	37.0966	1	15	24	38.936	3	13	34.22	4	9007	AREQUIPA	6809	5	GL	5783
	8	9	0	8	25.0957	1	15	39	24.571	0	47	24.06	4	9007	AREQUIPA	6809	11	GL	5784
	8	9	9	17	12.6822	1	3	41	41.632	33	24	18.58	4	9007	AREQUIPA	6813	6	GL	5785
	8	9	9	17	14.6822	1	3	44	42.330	33	35	44.56	4	9007	AREQUIPA	6813	7	GL	5786
	8	9	10	37	37.2044	3	15	52	42.959	14	56	17.56	4	9003	WOOMERA	10425	4	DU	6505
	8	9	10	37	57.2043	3	15	58	18.429	14	17	8.19	4	9003	WOOMERA	10425	9	DU	6506
	8	11	0	11	36.9931	1	14	55	23.193	- 7	7	34.67	4	9007	AREQUIPA	6823	6	GL	5787
	8	11	0	11	52.9926	1	14	59	56.284	- 7	57	32.93	4	9007	AREQUIPA	6823	8	GL	5788
	8	11	0	15	8.0415	1	15	35	3.275	8	24	2.45	4	9011	VILLA DOLO	6395	4	VD	5797
	8	11	0	15	32.0414	1	15	41	32.229	7	36	21.88	4	9011	VILLA DOLO	6395	7	VD	5798
	8	11	10	42	11.3043	3	15	39	18.679	5	23	9.35	4	9003	WOOMERA	10442	3	DM	6507
	8	11	10	42	19.3041	3	15	41	32.784	5	6	8.89	4	9003	WOOMERA	10442	5	DM	6508
	8	11	23	12	45.4317	1	16	24	34.693	8	33	11.22	4	9011	VILLA DOLO	6408	6	BA	5799
	8	11	23	13	1.4316	1	16	29	26.705	7	57	37.92	4	9011	VILLA DOLO	6408	8	BA	5800
	8	12	1	20	59.8084	1	14	29	32.617	-21	38	47.53	4	9007	AREQUIPA	6830	3	PK	5025
	8	12	1	21	31.8082	1	14	36	42.137	-23	20	13.46	4	9007	AREQUIPA	6830	7	PK	5026
	8	12	9	39	36.0955	3	16	27	32.864	5	51	0.56	4	9003	WOOMERA	10455	3	YK	6509
	8	12	9	39	56.0949	3	16	33	46.820	5	5	2.18	4	9003	WOOMERA	10455	8	YK	6510
	8	13	0	16	52.0665	1	14	50	0.706	-20	10	56.31	4	9007	AREQUIPA	6835	7	GL	5789
	8	13	0	17	56.0659	1	15	9	17.147	-23	42	28.66	4	9007	AREQUIPA	6835	15	GL	5790
	8	14	1	27	10.2281	1	14	41	35.956	-33	47	0.06	4	9007	AREQUIPA	6845	7	PK	5023
	8	14	1	27	26.2282	1	14	45	35.436	-34	39	33.22	4	9007	AREQUIPA	6845	9	PK	5024
	8	14	9	43	4.4408	3	15	57	7.455	- 1	22	59.41	4	9003	WOOMERA	10473	3	PL	5616

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	14	9	43	36.4406	3	16	7	18.902	- 2	37	22.03	4	9003	WOOMERA	10473	11	PL	5617
	8	14	11	55	11.6546	3	15	7	22.709	-13	19	55.73	4	9003	WOOMERA	10476	7	HC	5755
	8	14	11	55	15.6546	3	15	8	18.744	-13	28	29.95	4	9003	WOOMERA	10476	8	HC	5756
	8	15	0	22	0.4726	1	14	45	41.557	-31	6	2.67	4	9007	AREQUIPA	6846	5	PL	6140
	8	15	0	23	12.4722	1	15	8	34.384	-35	0	7.49	4	9007	AREQUIPA	6846	14	PL	6141
	8	15	10	50	41.6839	3	15	10	1.735	-11	2	36.89	4	9003	WOOMERA	10483	4	HC	5757
	8	15	10	51	9.6836	3	15	17	51.179	-12	6	50.32	4	9003	WOOMERA	10483	11	VD	5758
	8	16	9	47	25.3556	3	15	44	58.424	-10	21	28.03	4	9003	WOOMERA	10493	2	DM	5759
	8	16	9	47	41.3554	3	15	50	17.905	-10	58	41.35	4	9003	WOOMERA	10493	6	DM	5760
	8	17	0	27	34.0724	1	14	53	48.704	-41	16	53.92	4	9007	AREQUIPA	6863	8	GL	5020
	8	17	0	28	6.0722	1	15	4	53.112	-42	55	3.99	4	9007	AREQUIPA	6863	12	GL	5021
	8	17	0	28	51.8810	1	15	12	3.742	-16	34	4.21	4	9011	VILLA DOLO	6437	5	BA	5801
	8	17	0	29	15.8804	1	15	18	56.827	-17	26	50.02	4	9011	VILLA DOLO	6437	8	BA	7616
	8	17	10	54	56.2028	3	15	0	9.601	-17	33	25.21	4	9003	WOOMERA	10505	2	DM	5761
	8	17	10	55	28.2023	3	15	9	10.516	-18	45	20.42	4	9003	WOOMERA	10505	10	DM	5762
	8	17	19	28	33.1264	1	17	39	15.656	-46	39	9.01	4	9002	OLIFANTS	8821	5	PK	4926
	8	17	19	29	5.1268	1	17	58	58.063	-47	31	22.14	4	9002	OLIFANTS	8821	9	PK	4927
	8	17	23	24	31.7362	1	15	24	21.448	-14	34	39.64	4	9011	VILLA DOLO	6448	3	VD	5803
	8	17	23	24	55.7358	1	15	32	14.180	-15	28	19.46	4	9011	VILLA DOLO	6448	6	VD	5804
	8	17	23	30	47.7900	1	19	7	34.875	-49	35	31.12	4	9007	AREQUIPA	6868	4	PL	6142
	8	17	23	31	27.7897	1	19	26	30.842	-49	13	47.37	4	9007	AREQUIPA	6868	9	PL	6143
	8	18	9	51	58.3289	3	15	39	55.921	-18	51	14.39	4	9003	WOOMERA	10512	2	DM	5763
	8	18	9	52	26.3281	3	15	49	55.154	-19	53	17.55	4	9003	WOOMERA	10512	9	DM	5764
	8	18	12	4	17.8448	3	15	7	48.437	-23	19	27.39	4	9003	WOOMERA	10517	5	PK	5032
	8	18	12	4	41.8444	3	15	13	52.615	-24	4	51.00	4	9003	WOOMERA	10517	8	PK	5033
	8	18	18	28	4.2288	1	20	28	20.407	-44	8	1.23	4	9002	OLIFANTS	8832	5	LD	5575
	8	18	18	28	20.2289	1	20	37	9.971	-43	39	54.37	4	9002	OLIFANTS	8832	7	LD	5576
	8	19	0	32	20.4400	1	14	52	10.112	-47	3	31.20	4	9007	AREQUIPA	6876	7	PK	5028
	8	19	0	33	10.6585	1	15	7	12.885	-21	51	50.51	4	9011	VILLA DOLO	6463	4	VD	5805
	8	19	0	33	42.6581	1	15	16	38.976	-22	57	44.19	4	9011	VILLA DOLO	6463	8	VD	5806
	8	19	17	25	15.7956	1	20	59	43.366	-36	30	35.82	4	9002	OLIFANTS	8846	2	BD	5604
	8	19	17	26	3.7957	1	21	16	52.202	-35	3	9.34	4	9002	OLIFANTS	8846	8	BD	5605
	8	19	19	33	15.7936	1	17	53	19.887	-46	24	59.15	4	9002	OLIFANTS	8853	5	DU	5606
	8	19	19	33	47.7942	1	18	12	52.503	-46	53	52.69	4	9002	OLIFANTS	8853	9	DU	5607
	8	19	23	28	55.0958	1	15	18	36.134	-21	27	35.84	4	9011	VILLA DOLO	6472	4	VD	5807
	8	19	23	29	35.0954	1	15	32	31.386	-22	51	39.09	4	9011	VILLA DOLO	6472	9	VD	5808
	8	19	23	34	12.1200	1	18	42	38.499	-54	19	8.33	4	9007	AREQUIPA	6882	12	PL	6145
	8	20	18	32	57.8212	1	20	43	59.314	-42	31	40.68	4	9002	OLIFANTS	8867	4	PK	4928
	8	20	18	33	13.8211	1	20	52	10.251	-41	54	29.74	4	9002	OLIFANTS	8867	6	PK	4929
	8	21	0	37	50.0685	1	15	13	38.352	-53	0	7.99	4	9007	AREQUIPA	6891	10	PK	5029
	8	21	11	3	49.9867	3	14	59	4.194	-27	0	51.34	4	9003	WOOMERA	10544	4	DM	5765
	8	21	11	4	9.9866	3	15	5	4.464	-27	38	11.63	4	9003	WOOMERA	10544	9	DM	5766
	8	21	13	58	39.0496	1	5	18	40.177	- 5	0	49.80	4	9012	MAUI	7362	2	PL	6152
	8	21	13	58	47.0492	1	5	27	6.496	- 3	37	32.39	4	9012	MAUI	7362	6	PL	6153
	8	21	19	37	25.3766	1	17	49	43.811	-43	30	50.54	4	9002	OLIFANTS	8890	4	DU	5608

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	21	19	38	5.3768	1	18	12	6.111	-43	46	22.50	4	9002	OLIFANTS	8890	9	DU	5609
	8	21	23	36	7.1953	1	17	20	55.222	-57	40	5.25	4	9007	AREQUIPA	6893	2	GL	5018
	8	21	23	36	47.1949	1	17	44	57.707	-57	48	57.23	4	9007	AREQUIPA	6893	7	GL	5019
	8	22	10	1	29.7335	10	15	52	25.775	-31	42	21.95	4	9003	WOOMERA	10555	8	LD	5767
	8	22	10	1	33.7333	10	15	54	4.691	-31	48	51.31	4	9003	WOOMERA	10555	9	LD	5768
	8	22	18	37	1.8808	1	20	30	11.799	-40	44	10.95	4	9002	OLIFANTS	8904	3	MW	5610
	8	22	18	37	33.8808	1	20	45	59.998	-39	23	52.62	4	9002	OLIFANTS	8904	7	MW	5611
	8	23	0	42	15.5336	1	15	16	7.288	-54	32	26.91	4	9007	AREQUIPA	6903	3	VD	5777
	8	23	23	38	17.0319	1	15	32	6.735	-31	8	1.82	4	9011	VILLA DOLO	6490	2	PL	6146
	8	23	23	38	57.0314	1	15	48	0.943	-32	4	56.91	4	9011	VILLA DOLO	6490	7	PL	6147
	8	24	10	5	37.3719	3	15	49	32.937	-34	6	10.02	4	9003	WOOMERA	10572	4	DM	5569
	8	24	10	6	5.3715	3	16	1	29.137	-34	40	48.17	4	9003	WOOMERA	10572	11	DM	5570
	8	24	18	41	28.8382	1	20	24	45.818	-36	9	20.34	4	9002	OLIFANTS	8930	5	RO	5581
	8	24	18	42	0.8380	1	20	39	31.258	-34	42	13.55	4	9002	OLIFANTS	8930	9	RU	5582
	8	25	0	47	8.9937	1	15	35	54.884	-55	28	49.99	4	9007	AREQUIPA	6922	3	VD	5778
	8	25	19	46	24.4648	1	18	2	53.635	-32	15	37.63	4	9002	OLIFANTS	8955	6	MW	5612
	8	25	19	47	4.4652	1	18	21	1.288	-31	34	22.28	4	9002	OLIFANTS	8955	11	MW	5613
	8	25	23	43	9.7617	1	16	24	37.902	-59	29	34.51	4	9007	AREQUIPA	6929	3	MY	5771
	8	26	10	9	59.6176	3	15	55	29.362	-34	53	48.63	4	9003	WOOMERA	10591	5	DM	6511
	8	26	10	10	19.6173	3	16	4	6.839	-35	9	35.62	4	9003	WOOMERA	10591	10	DM	6512
	8	27	10	1	18.8528	1	4	37	37.273	-11	27	50.25	4	9001	ORGAN PASS	7481	7	PL	5584
	8	27	11	19	10.3468	3	16	5	32.170	-29	25	3.48	4	9003	WOOMERA	10609	4	PK	5910
	8	27	11	19	18.3466	3	16	8	26.540	-29	26	52.14	4	9003	WOOMERA	10609	5	PK	5031
	8	27	14	13	9.6720	1	3	21	27.078	69	1	23.48	4	9012	MAUI	7416	4	MY	6158
	8	27	14	13	17.6720	1	3	55	38.765	68	59	14.71	4	9012	MAUI	7416	8	MY	6159
	8	27	17	45	41.4025	1	21	43	58.926	-19	16	42.31	4	9002	OLIFANTS	8978	6	GL	4932
	8	27	17	45	57.4026	1	21	48	3.132	-18	33	27.72	4	9002	OLIFANTS	8978	8	GL	5425
	8	27	19	50	37.4083	1	17	59	13.518	-24	23	10.91	4	9002	OLIFANTS	8986	4	GL	5423
	8	27	19	51	28.4429	1	18	19	20.775	-23	0	33.64	4	9002	OLIFANTS	8986	9	GL	5424
	8	27	23	47	23.2915	1	15	53	53.554	-32	0	22.24	4	9011	VILLA DOLO	6543	2	PL	6148
	8	27	23	48	11.2906	1	16	13	46.080	-32	17	1.52	4	9011	VILLA DOLO	6543	8	PL	6149
	8	28	10	14	50.2752	3	16	15	3.397	-33	45	21.88	4	9003	WOOMERA	10623	3	DM	6513
	8	28	10	15	18.2747	3	16	27	12.874	-33	47	38.71	4	9003	WOOMERA	10623	10	DM	6514
	8	28	11	8	9.5442	1	2	37	10.537	3	11	50.48	4	9001	ORGAN PASS	7494	7	GL	4939
	8	28	11	8	11.5442	1	2	41	15.796	3	25	59.74	4	9001	ORGAN PASS	7494	8	GL	5426
	8	28	17	22	51.1865	3	4	54	40.662	-11	53	20.29	4	9005	TOKYO	6413	4	MW	6887
	8	28	17	22	59.1866	3	5	1	9.355	-11	15	32.00	4	9005	TOKYO	6413	6	MW	6888
	8	28	18	50	26.9893	1	20	5	35.059	-21	5	8.24	4	9002	OLIFANTS	8998	8	BA	5571
	8	28	18	50	58.9896	1	20	18	12.060	-19	29	18.68	4	9002	OLIFANTS	8998	12	BA	5572
	8	29	10	6	13.2608	1	4	39	58.095	0	18	14.52	4	9001	ORGAN PASS	7502	4	RO	5563
	8	29	11	23	26.3456	3	16	12	15.548	-25	14	1.18	4	9003	WOOMERA	10641	4	DM	6515
	8	29	11	23	58.3450	3	16	23	21.159	-25	1	13.89	4	9003	WOOMERA	10641	8	DM	6516
	8	29	14	18	5.8769	1	1	52	52.444	78	58	40.67	4	9012	MAUI	7436	4	MY	6160
	8	29	14	18	13.8771	1	2	47	24.614	79	39	0.39	4	9012	MAUI	7436	8	MY	6161
	8	29	17	27	21.7238	1	13	6	54.806	-30	41	2.76	4	9002	OLIFANTS	9015	3	PL	5614

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	29	17	28	9.7235	1	13	19	4.579	-31	54	17.92	4	9002	OLIFANTS	9015	6	PL	5615
	8	29	18	29	25.2362	3	3	31	54.520	- 6	23	20.93	4	9005	TOKYO	6420	4	MW	6889
	8	29	18	29	33.2361	3	3	45	17.227	- 5	47	51.87	4	9005	TOKYO	6420	6	MW	6890
	8	29	19	55	42.6764	1	18	12	15.556	-13	55	44.42	4	9002	OLIFANTS	9023	5	LD	5577
	8	29	19	56	6.6763	1	18	20	35.421	-13	1	20.32	4	9002	OLIFANTS	9023	8	LD	5578
	8	29	23	52	40.0383	1	16	59	46.615	-56	14	55.71	4	9007	AREQUIPA	6972	2	GL	5909
	8	29	23	52	44.8671	1	16	25	34.182	-28	55	52.38	4	9011	VILLA DOLO	6555	2	PL	6154
	8	29	23	52	52.8670	1	16	28	49.645	-28	52	37.59	4	9011	VILLA DOLO	6555	3	PL	6155
	8	29	23	53	12.0378	1	17	17	56.747	-55	58	13.57	4	9007	AREQUIPA	6972	6	GL	5022
	8	30	0	46	4.2363	3	1	4	41.475	38	35	59.58	4	9008	SHIRAZ	9090	6	PK	5034
	8	30	0	46	18.2367	3	1	39	33.408	41	55	22.06	4	9008	SHIRAZ	9090	9	PK	5035
	8	30	10	19	59.5986	3	16	41	23.632	-29	48	33.71	4	9003	WOOMERA	10657	3	YK	6517
	8	30	10	20	3.5987	3	16	43	3.799	-29	45	58.38	4	9003	WOOMERA	10657	4	YK	6518
	8	30	13	16	14.7629	1	6	14	41.842	52	11	27.07	4	9012	MAUI	7446	7	LD	7257
	8	30	13	16	18.7629	1	6	19	2.301	51	41	34.57	4	9012	MAUI	7446	9	LD	6162
	8	30	23	0	6.6065	1	20	42	39.159	-10	43	54.90	4	9011	VILLA DOLO	6566	5	PL	6156
	8	30	23	0	38.7135	1	20	49	56.153	- 9	37	33.00	4	9011	VILLA DOLO	6566	7	PL	6157
	8	30	23	44	48.0365	3	5	43	51.400	26	27	32.20	4	9008	SHIRAZ	9098	4	MY	5791
	8	30	23	44	52.0366	3	5	48	50.159	26	14	38.08	4	9008	SHIRAZ	9098	6	MY	5792
	8	31	11	27	59.0285	3	16	22	58.220	-19	22	42.36	4	9003	WOOMERA	10674	4	DM	5567
	8	31	11	28	23.0276	3	16	30	42.382	-18	59	6.95	4	9003	WOOMERA	10674	7	DM	5568
	8	31	17	52	53.0424	1	20	53	7.565	- 9	28	53.33	4	9002	OLIFANTS	9052	5	PK	4935
	8	31	17	54	25.2593	1	21	17	51.220	- 5	18	43.44	4	9002	OLIFANTS	9052	14	PK	4936
	8	31	20	1	1.6364	1	18	23	55.564	- 2	2	11.18	4	9002	OLIFANTS	9060	5	PK	4933
	8	31	20	1	9.6368	1	18	26	22.895	- 1	40	23.58	4	9002	OLIFANTS	9060	6	PK	4934
	8	31	22	45	12.3560	3	2	17	50.655	52	15	59.37	4	9006	NAIN TAL	4776	2	MW	6891
	8	31	22	45	34.4407	3	3	32	26.056	53	42	27.06	4	9006	NAIN TAL	4776	10	MW	6892
	9	1	10	24	33.7448	1	16	49	36.806	-23	44	31.80	4	9003	WOOMERA	10683	4	BA	8552
	9	1	10	24	45.7448	1	16	54	15.836	-23	29	48.39	4	9003	WOOMERA	10683	7	DM	7323
	9	1	13	20	46.6122	1	6	6	5.541	64	37	40.65	4	9012	MAUI	7466	6	PK	7914
	9	1	13	20	50.6122	1	6	12	16.451	63	59	9.94	4	9012	MAUI	7466	8	PK	8340
	9	1	19	0	8.5664	1	19	51	23.461	1	30	42.38	4	9002	OLIFANTS	9072	4	PG	7551
	9	1	19	0	48.5673	1	20	4	36.124	3	30	51.84	4	9002	OLIFANTS	9072	9	BN	7552
	9	1	23	49	36.1107	1	5	45	12.289	36	55	44.27	4	9008	SHIRAZ	9122	11	MY	8355
	9	2	8	9	39.0077	1	5	28	34.759	43	15	11.15	4	9010	JUPITER	7352	4	LT	7902
	9	2	8	9	43.0075	1	5	33	54.057	42	47	41.06	4	9010	JUPITER	7352	5	LT	7903
	9	2	8	9	55.0080	1	5	48	44.988	41	24	19.12	4	9010	JUPITER	7352	8	LT	7904
	9	2	11	33	12.4174	1	16	42	48.896	-11	13	17.42	4	9003	WOOMERA	10699	6	DM	7324
	9	2	11	33	36.4165	1	16	49	58.347	-10	34	34.74	4	9003	WOOMERA	10699	9	HC	7325
	9	2	14	27	35.0448	1	21	58	52.110	76	15	33.63	4	9012	MAUI	7475	3	DM	7915
	9	2	14	27	39.0448	1	22	3	0.612	77	14	17.69	4	9012	MAUI	7475	5	DM	7916
	9	3	0	55	50.0145	1	0	14	17.054	48	45	33.13	4	9008	SHIRAZ	9135	7	MY	7729
	9	3	0	55	54.0146	1	0	21	47.487	49	40	28.95	4	9008	SHIRAZ	9135	9	MY	7730
	9	3	9	16	33.0423	1	1	27	52.837	67	19	45.22	4	9010	JUPITER	7361	4	PK	7905
	9	3	9	16	35.0425	1	1	35	15.390	67	37	21.69	4	9010	JUPITER	7361	5	PK	7906

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	3	10	29	27.8404	1	17	1	20.551	-15	26	22.59	4	9003	WOOMERA	10712	5	VD	7326
	9	3	10	29	43.8403	1	17	6	58.544	-14	58	4.92	4	9003	WOOMERA	10712	9	DU	7327
	9	3	11	21	51.1460	1	23	55	21.370	27	17	4.46	4	9001	ORGAN PASS	7538	4	VD	9258
	9	3	11	21	55.1459	1	0	0	12.257	27	49	14.81	4	9001	ORGAN PASS	7538	6	VD	9259
	9	3	13	25	37.2854	1	6	18	13.353	70	53	58.44	4	9012	MAUI	7482	3	VD	7917
	9	3	13	25	41.2857	1	6	25	15.699	70	11	31.08	4	9012	MAUI	7482	5	VD	7918
	9	3	16	42	37.0192	1	17	30	43.356	-31	9	34.65	4	9002	OLIFANTS	9091	4	YK	7553
	9	3	16	43	35.4231	1	17	54	40.953	-29	4	11.69	4	9002	OLIFANTS	9091	11	YK	7757
	9	3	16	44	44.4100	1	18	21	20.780	-26	20	17.98	4	9002	OLIFANTS	9091	20	YK	7555
	9	3	19	6	14.1185	1	20	3	43.160	16	19	8.39	4	9002	OLIFANTS	9101	7	VD	7556
	9	3	19	6	22.1188	1	20	6	9.668	16	41	21.48	4	9002	OLIFANTS	9101	8	VD	7557
	9	5	1	0	44.8655	1	0	17	59.571	46	45	12.41	4	9008	SHIRAZ	9166	2	PK	7876
	9	5	1	0	48.8657	1	0	24	55.266	47	28	51.71	4	9008	SHIRAZ	9166	4	PK	7877
	9	5	9	21	29.1652	1	1	20	8.216	66	40	54.17	4	9010	JUPITER	7376	5	VD	7907
	9	5	9	21	31.1652	1	1	26	51.297	66	57	20.45	4	9010	JUPITER	7376	6	VD	7908
	9	5	13	29	51.0174	1	4	14	56.044	79	47	52.83	4	9012	MAUI	7499	4	MY	9223
	9	5	13	29	55.0175	1	4	33	44.993	79	24	2.18	4	9012	MAUI	7499	6	MY	9224
	9	5	16	44	40.8858	1	16	27	19.020	-27	23	20.08	4	9002	OLIFANTS	9122	10	PK	7558
	9	5	16	44	56.8857	1	16	33	57.043	-26	56	10.05	4	9002	OLIFANTS	9122	12	GL	7559
	9	5	19	11	30.2505	1	19	57	53.159	27	19	3.70	4	9002	OLIFANTS	9130	6	MY	7560
	9	5	19	11	38.2507	1	20	0	13.111	27	39	6.87	4	9002	OLIFANTS	9130	7	DM	7561
	9	5	23	7	28.2684	1	18	41	51.080	- 0	57	51.04	4	9011	VILLA DOLO	6587	5	VD	7597
	9	5	23	7	44.2682	1	18	46	28.857	- 0	21	52.15	4	9011	VILLA DOLO	6587	7	VD	7598
	9	6	1	16	50.4097	1	17	10	54.195	-15	31	53.43	4	9007	AREQUIPA	6996	5	PK	7719
	9	6	1	17	6.4097	1	17	15	46.672	-14	56	1.67	4	9007	AREQUIPA	6996	7	PK	7720
	9	6	8	19	41.9174	1	6	1	5.069	50	34	10.40	4	9010	JUPITER	7383	5	VD	7909
	9	6	8	19	45.9185	1	6	5	59.934	49	51	28.36	4	9010	JUPITER	7383	6	VD	7910
	9	6	14	37	28.1007	1	22	24	20.369	73	35	0.33	4	9012	MAUI	7517	4	MY	9225
	9	6	14	37	32.1017	1	22	29	4.730	74	25	9.31	4	9012	MAUI	7517	6	MY	9226
	9	7	1	5	16.4170	1	23	59	54.644	37	41	27.55	4	9008	SHIRAZ	9202	2	VD	7879
	9	7	1	5	22.4172	1	0	7	14.583	38	22	18.80	4	9008	SHIRAZ	9202	5	VD	7880
	9	7	9	26	34.0564	1	1	50	0.642	62	54	46.98	4	9010	JUPITER	7394	3	HC	7911
	9	7	10	39	42.6895	1	17	18	20.337	5	0	17.21	4	9003	WOOMERA	10753	2	PL	7636
	9	7	10	40	14.6885	1	17	27	27.316	6	13	43.95	4	9003	WOOMERA	10753	6	VD	7329
	9	7	13	35	27.5444	1	6	16	52.839	74	23	15.15	4	9012	MAUI	7530	3	VD	7919
	9	7	13	35	31.5445	1	6	24	54.212	73	39	53.33	4	9012	MAUI	7530	5	VD	7920
	9	7	23	10	15.3182	1	18	1	4.075	4	25	7.01	4	9011	VILLA DOLO	6607	4	MY	9221
	9	7	23	10	31.3177	1	18	5	46.876	5	0	53.24	4	9011	VILLA DOLO	6607	6	MY	9222
	9	8	8	24	3.4469	1	5	3	42.996	55	50	6.20	4	9010	JUPITER	7402	5	LT	7765
	9	8	8	24	5.4469	1	5	7	15.344	55	30	15.99	4	9010	JUPITER	7402	6	LT	7766
	9	8	14	42	47.2114	1	23	43	41.035	73	45	19.75	4	9012	MAUI	7547	4	DM	7921
	9	8	14	42	51.2114	1	23	53	6.183	74	27	24.56	4	9012	MAUI	7547	6	DM	8341
	9	8	23	1	29.9967	1	5	44	59.925	33	42	12.21	4	9008	SHIRAZ	9239	8	PK	7881
	9	9	1	10	55.9762	1	1	18	33.793	29	56	48.23	4	9008	SHIRAZ	9247	5	PK	7882
	9	9	1	10	59.9765	1	1	25	1.202	29	57	46.17	4	9008	SHIRAZ	9247	7	PK	7883

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	9	9	28	13.1119	1	5	20	40.303	23	7	31.96	4	9001	ORGAN PASS	7571	7	VD	9257
	9	9	9	31	25.4966	1	1	40	51.990	53	1	0.59	4	9010	JUPITER	7419	6	HC	9789
	9	9	9	31	27.4969	1	1	45	29.500	53	7	23.72	4	9010	JUPITER	7419	7	HC	7591
	9	9	11	36	59.7127	1	0	56	26.544	16	16	12.61	4	9001	ORGAN PASS	7577	3	MY	9255
	9	9	11	37	3.7128	1	1	1	16.280	16	7	52.63	4	9001	ORGAN PASS	7577	5	MY	9256
	9	10	10	35	45.3423	1	4	35	44.806	18	36	27.75	4	9001	ORGAN PASS	7590	2	RO	9253
	9	10	10	35	49.3446	1	4	41	14.994	18	3	27.48	4	9001	ORGAN PASS	7590	4	RO	9254
	9	10	14	47	43.5130	1	0	18	9.324	65	30	54.97	4	9012	MAUI	7566	4	LT	8373
	9	10	14	47	51.5130	1	0	33	59.973	66	34	1.89	4	9012	MAUI	7566	8	LT	7764
	9	10	21	0	52.2354	1	6	5	32.512	26	16	46.24	4	9006	NAIN TAL	4811	4	BO	7307
	9	10	21	0	56.2356	1	6	7	56.200	25	49	0.07	4	9006	NAIN TAL	4811	5	PK	7308
	9	10	23	6	38.2480	1	5	48	59.947	28	18	15.43	4	9008	SHIRAZ	9274	3	GL	7884
	9	10	23	6	46.2480	1	5	55	9.088	27	13	9.29	4	9008	SHIRAZ	9274	7	GL	7885
	9	12	14	53	18.9809	1	1	46	40.625	54	31	57.76	4	9012	MAUI	7592	3	HC	7759
	9	12	14	53	22.9809	1	1	54	49.824	54	38	46.57	4	9012	MAUI	7592	5	PK	7564
	9	12	23	11	53.5308	1	5	49	39.205	18	46	23.94	4	9008	SHIRAZ	9305	4	PL	7887
	9	12	23	12	3.5313	1	5	56	36.105	17	30	53.25	4	9008	SHIRAZ	9305	9	PL	8347
	9	13	13	51	22.2057	1	5	59	26.168	50	28	27.47	4	9012	MAUI	7608	4	VD	7600
	9	13	13	51	30.2057	1	6	8	54.426	48	48	39.06	4	9012	MAUI	7608	8	BO	381
	9	14	14	58	43.2836	1	2	19	11.018	30	45	59.76	4	9012	MAUI	7614	6	MY	8196
	9	14	14	58	49.2835	1	2	28	41.700	30	10	7.57	4	9012	MAUI	7614	9	MY	7769
	9	15	13	56	40.7569	1	5	35	15.989	33	19	46.30	4	9012	MAUI	7627	3	MY	7770
	9	15	13	56	48.7568	1	5	44	17.624	31	39	9.90	4	9012	MAUI	7627	7	MY	7603
	9	16	5	54	26.4091	1	19	20	48.378	- 7	57	14.70	4	9012	MAUI	7632	3	MW	7772
	9	16	5	54	34.4089	1	19	23	11.862	- 7	34	50.01	4	9012	MAUI	7632	5	MW	7771
	9	16	10	50	59.3203	1	3	55	22.408	-21	47	6.98	4	9001	ORGAN PASS	7642	6	VD	9251
	9	16	10	51	1.3203	1	3	57	14.130	-21	58	24.44	4	9001	ORGAN PASS	7642	7	VD	304
	9	16	12	54	44.8370	1	6	39	9.038	23	40	6.95	4	9012	MAUI	7638	4	MY	7606
	9	16	12	54	46.8371	1	6	40	3.734	23	23	55.96	4	9012	MAUI	7638	5	MY	7607
	9	16	16	25	9.8998	1	19	46	58.026	- 9	9	7.28	4	9008	SHIRAZ	9342	9	DM	8564
	9	17	0	43	50.3809	1	19	38	6.038	-11	2	12.65	4	9010	JUPITER	7468	4	HC	7592
	9	17	17	32	21.9339	1	18	48	37.603	1	12	30.44	4	9008	SHIRAZ	9353	3	DM	8565
	9	17	23	40	6.7058	1	19	3	44.765	10	11	52.42	4	9009	CURACAO	5973	3	GL	7587
	9	17	23	40	38.7062	1	19	14	13.635	11	51	17.49	4	9009	CURACAO	5973	7	GL	7588
	9	18	0	28	55.5976	1	3	7	43.991	-25	20	40.31	4	9008	SHIRAZ	9357	3	DM	3045
	9	18	5	59	11.7398	1	19	7	55.896	4	16	23.17	4	9012	MAUI	7644	3	LT	7608
	9	18	5	59	15.7398	1	19	9	12.116	4	28	0.20	4	9012	MAUI	7644	4	LT	7609
	9	18	8	52	52.2312	1	4	11	20.694	26	59	11.41	4	9009	CURACAO	5975	7	VD	7895
	9	18	8	52	54.2316	1	4	14	25.840	26	35	0.36	4	9009	CURACAO	5975	8	VD	7896
	9	18	10	12	31.0839	1	19	57	41.208	-10	27	17.02	4	9005	TOKYO	6492	3	KO	7635
	9	18	10	13	19.0859	1	20	11	7.268	- 8	48	13.87	4	9005	TOKYO	6492	6	VD	7774
	9	18	15	8	32.0362	1	1	38	32.709	-13	14	28.10	4	9012	MAUI	7653	5	LT	7610
	9	18	15	8	34.0363	1	1	40	4.692	-13	34	26.55	4	9012	MAUI	7653	6	LT	7611
	9	19	0	48	42.3670	1	18	5	45.253	25	30	15.40	4	9009	CURACAO	5978	3	VD	7897
	9	19	0	48	56.2729	1	19	35	39.336	0	36	32.53	4	9010	JUPITER	7481	6	PK	7768

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1962	9	19	7	7	42.4941	1	18	20	2.997	18	22	51.00	4	9012	MAUI	7659	6	MY	7574
	9	19	7	7	50.4940	1	18	22	17.504	18	46	27.27	4	9012	MAUI	7659	8	PL	7575
	9	19	17	37	27.8094	1	18	48	10.967	11	19	20.01	4	9008	SHIRAZ	9374	6	DM	8567
	9	19	23	45	12.1967	1	18	56	16.746	24	17	59.00	4	9009	CURACAO	5982	6	HC	7898
	9	19	23	45	28.1968	1	19	1	57.659	25	4	27.28	4	9009	CURACAO	5982	8	HC	7899
	9	20	6	4	5.8499	1	18	59	57.200	16	50	22.79	4	9012	MAUI	7668	5	MW	8553
	9	20	6	4	17.8497	1	19	4	3.178	17	25	9.27	4	9012	MAUI	7668	8	DM	7576
	9	20	16	34	8.6995	1	19	24	34.325	10	16	57.28	4	9008	SHIRAZ	9387	8	DM	8569
	9	21	7	12	56.4149	1	18	20	45.503	28	54	59.83	4	9012	MAUI	7681	5	MW	9217
	9	21	7	13	4.4148	1	18	23	10.103	29	18	31.52	4	9012	MAUI	7681	7	MW	9218
	9	21	14	12	32.5434	1	4	7	48.883	-34	33	20.19	4	9012	MAUI	7686	3	MW	8554
	9	21	14	12	40.5433	1	4	15	25.491	-35	23	57.62	4	9012	MAUI	7686	7	MW	8555
	9	21	17	42	11.4020	1	18	45	26.235	19	25	27.18	4	9008	SHIRAZ	9403	4	DM	8570
	9	21	17	42	51.4027	1	18	57	19.775	21	0	26.69	4	9008	SHIRAZ	9403	9	DM	9787
	9	22	16	37	52.3485	1	19	1	38.502	17	20	29.84	4	9008	SHIRAZ	9415	7	DM	8571
	9	22	16	37	56.3486	1	19	2	59.743	17	30	6.31	4	9008	SHIRAZ	9415	8	DM	8572
	9	22	18	51	26.2625	1	18	47	13.573	25	27	17.89	4	9008	SHIRAZ	9420	6	DM	8573
	9	22	18	51	42.2626	1	18	51	21.819	25	59	58.37	4	9008	SHIRAZ	9420	8	DM	8574
	9	23	14	17	34.1861	1	3	25	34.338	-45	37	4.92	4	9012	MAUI	7705	6	MY	9260
	9	23	14	17	36.1860	1	3	27	15.946	-45	48	52.02	4	9012	MAUI	7705	7	MY	9261
	9	23	15	34	11.8528	1	19	37	15.025	14	48	6.80	4	9008	SHIRAZ	9425	7	DM	8575
	9	23	15	34	15.8526	1	19	38	41.326	14	57	1.94	4	9008	SHIRAZ	9425	8	DM	380
	9	23	17	46	29.4795	1	18	39	15.005	25	2	22.09	4	9008	SHIRAZ	9429	16	PL	7577
	9	23	17	47	9.4803	1	18	51	28.805	26	32	8.57	4	9008	SHIRAZ	9429	21	PG	7578
	9	24	6	12	58.6532	1	18	33	7.897	35	18	52.11	4	9012	MAUI	7706	4	RO	9262
	9	24	6	13	14.6530	1	18	39	18.556	36	1	29.94	4	9012	MAUI	7706	8	RO	9263
	9	24	9	8	9.0501	1	2	0	37.577	-41	15	2.21	4	9009	CURACAO	5992	6	DU	7900
	9	24	9	8	13.0504	1	2	3	19.766	-41	53	57.65	4	9009	CURACAO	5992	7	DU	7901
	9	24	9	11	0.8845	1	5	46	58.960	42	4	49.33	4	9007	AREQUIPA	7103	7	DU	7721
	9	24	9	11	16.8839	1	6	6	3.786	40	7	29.86	4	9007	AREQUIPA	7103	11	DU	7722
	9	25	3	13	39.3360	1	18	9	28.683	28	57	49.25	4	9010	JUPITER	7489	4	BN	7593
	9	25	3	14	11.3360	1	18	17	27.595	30	4	4.99	4	9010	JUPITER	7489	6	BN	7594
	9	25	15	39	20.0850	1	19	49	50.583	24	37	19.77	4	9008	SHIRAZ	9443	4	HC	7579
	9	25	15	39	28.0852	1	19	53	3.460	24	51	25.46	4	9008	SHIRAZ	9443	6	BN	7580
	9	25	23	59	36.9273	1	18	34	13.528	52	29	30.89	4	9009	CURACAO	5997	2	VD	8557
	9	26	0	0	0.9273	.3	18	45	38.402	53	19	17.01	4	9009	CURACAO	5997	5	VD	9138
	9	26	2	5	52.7247	1	19	54	16.096	19	52	42.88	4	9001	ORGAN PASS	7695	11	BN	7313
	9	26	2	6	0.7246	1	19	57	20.467	20	6	1.24	4	9001	ORGAN PASS	7695	13	BN	7314
	9	26	3	1	29.3570	1	5	6	31.951	41	14	57.10	4	9002	OLIFANTS	9448	5	GL	7758
	9	26	3	1	33.3572	1	5	10	57.519	41	2	7.71	4	9002	OLIFANTS	9448	6	GL	9501
	9	26	6	17	51.1333	1	18	35	29.736	42	53	7.62	4	9012	MAUI	7721	3	GL	7589
	9	26	6	18	7.1331	1	18	42	19.375	43	31	12.18	4	9012	MAUI	7721	7	DM	7590
	9	26	9	15	56.9742	1	4	42	4.612	25	6	35.27	4	9007	AREQUIPA	7126	8	YK	7723
	9	26	9	16	0.9746	1	4	47	11.098	24	35	19.96	4	9007	AREQUIPA	7126	10	YK	7724
	9	26	18	59	20.5223	1	18	43	4.086	28	20	44.42	4	9008	SHIRAZ	9459	10	BN	7761

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1962	9	26	18	59	28.5224	1	18	45	7.605	28	32	27.40	4	9008	SHIRAZ	9459	11	VD	7582
	9	26	19	45	39.1569	1	5	49	40.039	41	30	57.78	4	9003	WOOMERA	10922	4	BO	7565
	9	26	19	45	47.1571	1	5	57	52.461	41	2	55.54	4	9003	WOOMERA	10922	8	DM	7566
	9	26	20	57	38.5382	1	18	46	57.654	18	15	26.63	4	9004	SAN FERNAN	6593	2	HC	7569
	9	26	20	58	2.5379	1	18	54	49.469	18	54	43.81	4	9004	SAN FERNAN	6593	5	HC	7570
	9	27	7	26	11.9526	1	18	4	50.660	43	18	53.38	4	9012	MAUI	7737	3	GL	7889
	9	27	7	26	31.9524	1	18	11	30.857	44	6	34.90	4	9012	MAUI	7737	8	GL	7890
	9	27	8	14	3.7344	1	6	55	19.816	20	45	29.60	4	9007	AREQUIPA	7137	4	YK	7725
	9	27	8	14	23.7341	1	7	11	14.115	17	55	25.17	4	9007	AREQUIPA	7137	9	YK	7726
	9	27	15	42	54.1887	1	19	27	54.547	30	4	56.17	4	9008	SHIRAZ	9468	5	BO	7583
	9	27	15	43	10.1888	1	19	34	49.562	30	30	41.39	4	9008	SHIRAZ	9468	9	DU	7584
	9	27	19	55	14.2427	1	19	39	2.476	19	46	21.25	4	9004	SAN FERNAN	6607	3	VD	7571
	9	27	19	55	38.2429	1	19	48	23.176	20	18	37.75	4	9004	SAN FERNAN	6607	6	VD	7572
	9	28	2	9	2.5096	1	19	24	39.062	24	32	1.70	4	9001	ORGAN PASS	7699	4	VD	7315
	9	28	2	9	14.5099	1	19	29	36.149	24	51	23.94	4	9001	ORGAN PASS	7699	7	DU	7316
	9	28	4	20	53.7584	1	18	35	32.263	26	58	46.32	4	9001	ORGAN PASS	7703	3	DU	7317
	9	28	4	21	25.7588	1	18	45	43.756	27	48	48.17	4	9001	ORGAN PASS	7703	7	VD	7318
	9	28	10	33	10.6431	1	19	9	32.342	22	13	48.48	4	9005	TOKYO	6550	5	VD	7305
	9	28	10	33	26.6431	1	19	15	41.331	22	37	34.83	4	9005	TOKYO	6550	7	VD	7306
	9	28	16	50	23.7033	1	18	37	18.452	33	5	17.24	4	9008	SHIRAZ	9485	10	BN	8556
	9	28	16	51	3.7044	1	18	52	57.054	34	18	36.17	4	9008	SHIRAZ	9485	15	BN	8374
	9	28	16	52	17.9022	1	19	23	56.986	36	18	20.91	4	9008	SHIRAZ	9485	21	BN	8102
	9	29	5	18	18.8095	1	19	18	21.107	48	16	26.04	4	9012	MAUI	7750	3	PL	7891
	9	29	5	18	30.8093	1	19	24	44.439	48	30	54.95	4	9012	MAUI	7750	6	PL	7892
	9	29	8	20	43.5294	10	5	53	45.229	35	52	39.22	4	9011	VILLA DOLO	6837	2	PK	7912
	9	29	8	20	47.5293	10	5	57	13.932	35	36	13.85	4	9011	VILLA DOLO	6837	3	PK	7913
	9	29	18	46	53.1668	1	5	17	9.594	36	9	29.73	4	9003	WOOMERA	10951	3	DM	7567
	9	29	18	47	13.1666	1	5	34	24.405	34	56	16.38	4	9003	WOOMERA	10951	8	MW	7568
	9	29	19	59	35.5557	1	19	42	9.474	23	45	26.17	4	9004	SAN FERNAN	6627	5	VD	7760
	9	29	19	59	43.5556	1	19	45	26.915	23	53	11.50	4	9004	SAN FERNAN	6627	6	MY	7573
	9	30	2	13	20.6812	1	19	23	48.003	29	37	1.64	4	9001	ORGAN PASS	7721	4	VD	7319
	9	30	2	13	28.6810	1	19	27	21.997	29	46	59.03	4	9001	ORGAN PASS	7721	6	VD	7320
	9	30	2	18	15.5018	1	18	16	21.605	36	27	13.98	4	9010	JUPITER	7520	3	VD	7595
	9	30	4	25	22.7361	1	18	44	2.063	28	15	5.90	4	9001	ORGAN PASS	7725	5	MY	7321
	9	30	4	25	54.7365	1	18	54	38.767	28	52	18.21	4	9001	ORGAN PASS	7725	9	GL	7322
	9	30	6	26	37.3260	1	18	29	58.618	50	6	4.68	4	9012	MAUI	7765	2	VD	7893
	9	30	6	26	53.3259	1	18	37	37.298	50	36	2.84	4	9012	MAUI	7765	6	VD	7894
	9	30	16	53	51.4959	1	18	19	39.608	33	47	59.77	4	9008	SHIRAZ	9510	6	PK	9788
	9	30	16	56	7.4997	1	19	14	38.374	37	8	35.28	4	9008	SHIRAZ	9510	15	PK	7586
	9	30	21	6	56.1256	1	19	6	49.788	23	51	41.14	4	9004	SAN FERNAN	6645	2	PG	7299
	9	30	21	7	12.1256	1	19	12	40.525	24	5	32.98	4	9004	SAN FERNAN	6645	4	RO	7300
	10	1	3	21	27.5170	1	18	56	11.787	31	22	59.62	4	9001	ORGAN PASS	7738	14	LE	9439
	10	1	5	23	15.5552	1	19	37	11.446	52	51	1.68	4	9012	MAUI	7776	2	BZ	9944
	10	1	5	23	35.5550	1	19	48	52.708	53	1	1.37	4	9012	MAUI	7776	7	PB	9945
	10	1	9	34	26.8310	1	19	58	1.434	25	29	55.09	4	9005	TOKYO	6574	5	CB	1059

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1962	10	1	9	34	58.8310	1	20	11	47.808	25	47	7.24	4	9005	TOKYO	6574	9	CB	9890
	10	1	20	3	9.0382	1	19	27	9.826	25	15	56.95	4	9004	SAN FERNAN	6650	5	CB	2948
	10	1	20	3	25.0384	1	19	33	55.685	25	27	29.28	4	9004	SAN FERNAN	6650	7	CB	9739
	10	2	0	14	30.5281	1	19	19	53.489	64	2	38.42	4	9009	CURACAO	6024	1	KA	9755
	10	2	0	15	2.5283	1	19	41	3.585	64	23	48.85	4	9009	CURACAO	6024	5	KA	9756
	10	2	2	18	19.3032	1	19	44	30.796	33	15	24.72	4	9001	ORGAN PASS	7748	5	LE	256
	10	2	2	18	23.3033	1	19	46	24.608	33	17	38.59	4	9001	ORGAN PASS	7748	6	LE	2182
	10	2	6	31	35.9497	1	18	51	20.147	52	3	52.13	4	9012	MAUI	7794	3	SE	9946
	10	2	6	31	43.9495	1	18	55	28.149	52	14	34.46	4	9012	MAUI	7794	5	SE	9947
	10	2	8	43	36.3806	1	18	34	4.099	37	30	32.92	4	9012	MAUI	7798	3	SE	103
	10	2	8	44	24.3795	1	18	47	33.326	38	15	49.64	4	9012	MAUI	7798	6	SE	104
	10	2	10	40	52.2447	1	18	53	6.199	25	49	15.41	4	9005	TOKYO	6596	5	KA	288
	10	2	10	41	50.8284	1	19	16	56.542	26	37	57.26	4	9005	TOKYO	6596	12	KA	289
	10	2	17	49	55.3730	1	6	13	55.945	21	39	14.61	4	9003	WOOMERA	10984	3	HB	9839
	10	2	17	50	15.3727	1	6	28	18.146	20	3	27.00	4	9003	WOOMERA	10984	8	HB	9198
	10	2	21	11	26.4133	1	19	17	44.904	23	25	28.68	4	9004	SAN FERNAN	6669	7	BZ	9740
	10	2	21	11	50.4138	1	19	26	40.872	23	33	25.62	4	9004	SAN FERNAN	6669	10	BZ	9741
	10	3	5	27	32.4011	1	19	36	36.584	54	54	43.64	4	9012	MAUI	7812	3	SC	2190
	10	3	5	27	48.4007	1	19	46	29.337	54	57	48.77	4	9012	MAUI	7812	7	SC	111
	10	3	18	57	39.0837	1	5	21	35.488	7	53	52.08	4	9003	WOOMERA	10995	3	MJ	9199
	10	3	18	57	53.0835	1	5	38	0.733	6	40	36.52	4	9003	WOOMERA	10995	10	MJ	9200
	10	4	2	21	48.5179	1	19	24	30.828	33	49	47.89	4	9001	ORGAN PASS	7773	4	LE	9441
	10	4	2	22	4.5180	1	19	32	17.118	33	55	39.92	4	9001	ORGAN PASS	7773	8	LE	9442
	10	4	6	35	54.5026	1	18	55	36.425	51	8	23.55	4	9012	MAUI	7828	2	HB	109
	10	4	6	36	10.5020	1	19	3	52.958	51	23	9.30	4	9012	MAUI	7828	4	HB	110
	10	4	8	48	0.2458	1	18	46	54.402	34	5	55.45	4	9012	MAUI	7831	3	SC	112
	10	4	8	48	16.2454	1	18	51	15.962	34	13	6.40	4	9012	MAUI	7831	5	SC	113
	10	4	17	55	33.3963	1	6	41	37.754	7	21	46.81	4	9003	WOOMERA	11003	4	MJ	9201
	10	4	17	55	57.3959	1	7	0	54.447	5	35	33.06	4	9003	WOOMERA	11003	10	MJ	9202
	10	5	15	59	15.0864	3	19	7	39.017	38	5	39.97	4	9008	SHIRAZ	9601	3	LE	9782
	10	5	15	59	23.0866	3	19	11	40.100	38	8	12.34	4	9008	SHIRAZ	9601	5	LE	9783
	10	6	0	24	15.4076	1	20	6	29.019	62	29	22.41	4	9009	CURACAO	6062	5	MS	9757
	10	6	0	24	31.4076	1	20	16	49.774	62	23	5.95	4	9009	CURACAO	6062	7	MS	265
	10	6	2	26	20.2793	1	19	34	42.332	32	50	11.39	4	9001	ORGAN PASS	7795	4	CB	9443
	10	6	2	26	28.2793	1	19	38	35.963	32	48	33.34	4	9001	ORGAN PASS	7795	6	CB	9444
	10	6	6	40	23.1747	1	19	5	37.692	48	32	20.40	4	9012	MAUI	7849	2	NG	9567
	10	6	6	40	43.1745	1	19	15	42.824	48	40	18.89	4	9012	MAUI	7849	7	NG	9568
	10	6	17	8	30.9861	3	19	18	24.698	30	13	4.10	4	9008	SHIRAZ	9627	5	LE	9784
	10	6	17	8	46.9864	3	19	24	54.225	30	9	20.57	4	9008	SHIRAZ	9627	7	LE	1056
	10	6	18	0	10.3830	1	6	25	24.783	- 4	16	31.28	4	9003	WOOMERA	11018	4	MJ	9203
	10	6	18	0	36.3824	1	6	49	56.177	- 5	46	20.49	4	9003	WOOMERA	11018	17	MJ	9204
	10	6	19	10	12.3855	1	21	0	2.884	22	56	2.81	4	9004	SAN FERNAN	6705	3	BZ	9742
	10	6	19	10	36.3858	1	21	9	33.442	22	26	49.89	4	9004	SAN FERNAN	6705	6	KA	9743
	10	6	21	19	9.0809	1	19	12	34.999	17	16	55.88	4	9004	SAN FERNAN	6709	4	KA	259
	10	6	21	19	41.0812	1	19	23	34.936	17	0	25.89	4	9004	SAN FERNAN	6709	8	KA	9745

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	6	23	20	57.5711	1	21	39	21.332	61	41	7.50	4	9009	CURACAO	6071	2	KA	9758
	10	6	23	21	21.5710	1	21	52	10.727	60	47	53.12	4	9009	CURACAO	6071	5	KA	9759
	10	7	0	14	6.5778	1	6	57	8.318	-10	7	8.33	4	9002	OLIFANTS	9508	4	SE	254
	10	7	0	14	14.5777	1	7	2	15.572	-10	27	25.29	4	9002	OLIFANTS	9508	5	SS	9414
	10	7	2	19	25.2758	1	1	6	54.206	- 9	36	7.05	4	9002	OLIFANTS	9513	4	PB	9415
	10	7	2	19	49.2761	1	1	14	11.451	-11	28	24.83	4	9002	OLIFANTS	9513	7	PB	255
	10	7	5	36	12.7434	1	19	40	22.128	53	42	26.05	4	9012	MAUI	7858	2	NG	9565
	10	7	5	36	28.7441	1	19	50	18.348	53	33	59.66	4	9012	MAUI	7858	6	NG	275
	10	7	16	4	47.1715	3	19	47	12.261	34	50	10.64	4	9008	SHIRAZ	9642	10	HB	9636
	10	7	16	58	10.3899	1	7	5	1.630	- 2	37	34.27	4	9003	WOOMERA	11030	6	MJ	9205
	10	7	16	58	38.3895	1	7	21	15.100	- 3	42	50.56	4	9003	WOOMERA	11030	13	MJ	9206
	10	7	19	6	53.2512	1	4	3	26.266	-19	58	25.92	4	9003	WOOMERA	11035	5	MJ	9207
	10	7	19	7	5.2511	1	4	17	48.398	-21	15	4.47	4	9003	WOOMERA	11035	11	MJ	9208
	10	8	0	25	31.7773	1	20	26	13.976	40	46	28.10	4	9010	JUPITER	7583	4	NG	9904
	10	8	0	25	47.7788	1	20	34	29.467	40	22	56.05	4	9010	JUPITER	7583	6	NG	9905
	10	8	0	28	18.0405	1	19	54	27.412	59	21	42.51	4	9009	CURACAO	6083	3	WS	1052
	10	8	0	28	42.0408	1	20	8	56.112	59	9	13.52	4	9009	CURACAO	6083	6	WS	266
	10	8	1	18	41.1501	1	3	11	12.124	-20	21	21.64	4	9002	OLIFANTS	9527	4	LE	9416
	10	8	1	18	57.1506	1	3	25	43.147	-22	9	46.54	4	9002	OLIFANTS	9527	8	LE	9417
	10	8	2	30	33.5496	1	19	34	52.625	29	40	25.22	4	9001	ORGAN PASS	7828	4	CB	9445
	10	8	2	30	41.5493	1	19	38	40.485	29	35	4.28	4	9001	ORGAN PASS	7828	6	CB	9446
	10	8	6	43	59.1389	1	18	49	38.691	43	51	25.45	4	9012	MAUI	7871	2	KA	9948
	10	8	6	44	23.1383	1	19	0	41.121	43	55	34.91	4	9012	MAUI	7871	5	KA	9949
	10	8	7	38	10.1726	1	6	18	38.975	-12	44	53.98	4	9011	VILLA DOLO	6896	8	SS	297
	10	8	7	38	14.1725	1	6	22	58.947	-12	55	3.51	4	9011	VILLA DOLO	6896	9	SS	9671
	10	8	18	4	57.6776	1	6	20	10.032	-17	14	27.01	4	9003	WOOMERA	11042	3	TJ	9209
	10	8	18	5	7.6776	1	6	31	1.588	-17	34	48.79	4	9003	WOOMERA	11042	8	TJ	9210
	10	8	19	12	20.6597	1	20	6	18.091	21	57	49.41	4	9004	SAN FERNAN	6713	4	KA	2949
	10	8	19	12	44.6596	1	20	16	52.843	21	31	13.11	4	9004	SAN FERNAN	6713	7	KA	9746
	10	8	23	25	44.2727	1	21	47	49.649	58	38	13.98	4	9009	CURACAO	6087	4	WS	267
	10	8	23	25	52.2727	1	21	51	49.965	58	17	58.46	4	9009	CURACAO	6087	5	WS	9762
	10	9	0	17	45.9701	1	6	8	21.411	-20	17	30.99	4	9002	OLIFANTS	9536	6	HB	9418
	10	9	0	18	14.7224	1	6	31	27.926	-21	11	3.61	4	9002	OLIFANTS	9536	10	HB	9419
	10	9	6	36	7.0708	1	7	8	29.695	- 8	41	18.86	4	9011	VILLA DOLO	6905	7	SS	9672
	10	9	6	36	15.0707	1	7	13	44.473	- 8	53	7.38	4	9011	VILLA DOLO	6905	9	SS	9673
	10	9	17	2	18.2498	1	6	45	15.930	-10	53	56.92	4	9003	WOOMERA	11053	4	LE	9211
	10	9	17	2	46.2494	1	7	4	15.820	-11	34	3.82	4	9003	WOOMERA	11053	11	LE	9840
	10	9	19	11	48.1291	1	3	54	58.231	-30	51	22.86	4	9003	WOOMERA	11058	15	LE	9213
	10	9	19	12	2.1288	1	4	12	31.615	-32	21	3.12	4	9003	WOOMERA	11058	22	LE	9214
	10	10	2	35	26.6131	1	19	51	0.825	23	45	48.68	4	9001	ORGAN PASS	7858	3	WS	9841
	10	10	2	35	38.6128	1	19	56	21.189	23	29	45.33	4	9001	ORGAN PASS	7858	6	WS	9447
	10	10	6	48	12.7571	1	18	50	46.474	37	49	44.66	4	9012	MAUI	7888	4	KA	9950
	10	10	6	48	24.7570	1	18	55	50.545	37	45	50.78	4	9012	MAUI	7888	7	KA	299
	10	10	18	9	13.8288	1	5	40	3.152	-27	42	12.79	4	9003	WOOMERA	11072	6	HB	9770
	10	10	18	9	21.8286	1	5	49	48.462	-27	55	43.78	4	9003	WOOMERA	11072	10	HB	9771

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	11	0	21	46.3248	1	5	24	19.351	-31	52	57.38	4	9002	OLIFANTS	9560	4	HB	9420
	10	11	0	22	6.3248	1	5	43	39.057	-32	23	58.42	4	9002	OLIFANTS	9560	9	HB	9421
	10	11	3	43	16.5531	1	19	25	32.070	12	56	11.83	4	9001	ORGAN PASS	7866	3	WS	9842
	10	11	3	43	40.5540	1	19	33	50.399	12	21	55.31	4	9001	ORGAN PASS	7866	6	WS	9843
	10	11	16	13	35.8730	3	19	49	25.483	21	52	41.80	4	9008	SHIRAZ	9708	4	SC	281
	10	11	23	20	39.4591	1	6	53	42.040	-22	50	7.42	4	9002	OLIFANTS	9574	4	KA	9422
	10	11	23	20	47.4593	1	6	57	54.443	-22	50	13.83	4	9002	OLIFANTS	9574	5	KA	9423
	10	12	2	40	24.0598	1	20	3	59.134	15	26	4.72	4	9001	ORGAN PASS	7874	7	SS	9844
	10	12	6	54	4.0298	1	19	27	46.436	28	29	0.48	4	9012	MAUI	7912	2	SS	1061
	10	12	6	54	24.0295	1	19	35	37.460	28	1	4.08	4	9012	MAUI	7912	7	SS	106
	10	12	15	10	29.0313	3	20	40	59.560	24	7	30.01	4	9008	SHIRAZ	9718	3	HB	9638
	10	12	15	10	49.0314	3	20	49	40.155	23	18	14.33	4	9008	SHIRAZ	9718	8	HB	9639
	10	13	0	25	8.0255	1	3	53	25.751	-39	22	52.59	4	9002	OLIFANTS	9585	6	SS	9536
	10	13	0	25	12.0254	1	3	57	23.986	-39	36	59.03	4	9002	OLIFANTS	9585	7	SS	9537
	10	13	5	49	59.9688	1	19	52	17.762	36	2	56.22	4	9012	MAUI	7922	2	HB	101
	10	13	5	50	15.9684	1	20	0	9.634	35	31	11.87	4	9012	MAUI	7922	6	KA	6537
	10	13	17	11	6.7377	1	6	23	30.186	-27	56	12.13	4	9003	WOOMERA	11081	6	HB	9772
	10	13	17	11	18.7375	1	6	33	44.632	-27	45	39.40	4	9003	WOOMERA	11081	12	HB	9773
	10	13	23	24	6.3511	1	6	18	0.601	-31	18	10.56	4	9002	OLIFANTS	9597	4	SS	257
	10	13	23	24	30.3512	1	6	33	13.513	-31	1	47.29	4	9002	OLIFANTS	9597	7	SS	258
	10	14	0	39	8.0519	1	20	23	19.178	18	31	14.04	4	9010	JUPITER	7643	5	NG	9906
	10	14	0	41	48.8969	1	19	48	15.425	38	31	42.12	4	9009	CURACAO	6101	2	LE	9763
	10	14	2	44	56.2195	1	20	2	0.939	6	27	9.74	4	9001	ORGAN PASS	7897	3	SS	9448
	10	14	2	45	12.2196	1	20	8	0.237	5	53	6.74	4	9001	ORGAN PASS	7897	7	SS	9845
	10	14	7	51	0.6967	10	4	21	4.268	-35	6	2.58	4	9011	VILLA DOLO	6935	3	SS	4629
	10	14	7	51	8.6968	10	4	30	22.111	-35	25	52.20	4	9011	VILLA DOLO	6935	5	SS	298
	10	14	15	20	59.2093	1	19	51	52.996	0	43	30.09	4	9006	NAIN TAL	5058	2	SS	9625
	10	14	15	21	15.2099	1	19	56	52.391	0	8	11.65	4	9006	NAIN TAL	5058	4	SS	2186
	10	14	16	9	4.8942	1	6	59	26.463	-20	27	57.00	4	9003	WOOMERA	11096	3	MJ	9774
	10	14	16	9	20.8941	1	7	7	38.007	-20	15	13.19	4	9003	WOOMERA	11096	7	MJ	9775
	10	14	18	18	3.3215	1	4	41	53.589	-39	18	21.10	4	9003	WOOMERA	11101	3	KA	9573
	10	14	18	18	17.3210	1	4	59	22.647	-39	39	51.94	4	9003	WOOMERA	11101	10	KA	9574
	10	15	0	28	36.9170	1	2	36	31.741	-42	21	23.17	4	9002	OLIFANTS	9614	9	SS	9539
	10	15	2	44	41.0225	1	6	13	51.489	-60	59	43.66	4	9002	OLIFANTS	9620	11	SS	9540
	10	15	2	44	49.0228	1	6	31	38.516	-60	48	55.17	4	9002	OLIFANTS	9620	13	SS	9541
	10	15	3	53	48.5892	1	19	54	37.376	- 6	21	10.68	4	9001	ORGAN PASS	7909	3	SS	1051
	10	15	3	54	12.5895	1	20	1	28.941	- 7	12	30.98	4	9001	ORGAN PASS	7909	6	SS	9449
	10	15	6	48	17.4089	1	5	41	41.673	-31	23	13.16	4	9011	VILLA DOLO	6955	3	PB	9676
	10	15	6	48	25.4090	1	5	49	21.142	-31	18	0.50	4	9011	VILLA DOLO	6955	5	PB	9677
	10	15	14	18	2.5819	1	20	29	31.474	2	2	52.09	4	9006	NAIN TAL	5065	3	SS	9626
	10	15	14	18	18.5801	1	20	35	14.781	1	23	7.84	4	9006	NAIN TAL	5065	5	SS	9627
	10	15	23	28	33.9437	1	6	16	54.175	-38	23	27.89	4	9002	OLIFANTS	9629	13	SS	9542
	10	15	23	29	2.9632	1	6	36	37.896	-37	33	17.59	4	9002	OLIFANTS	9629	16	SS	9543
	10	16	2	49	51.6591	1	20	4	49.604	- 3	48	37.86	4	9001	ORGAN PASS	7917	2	BZ	2181
	10	16	2	50	7.6589	1	20	10	16.027	- 4	24	50.54	4	9001	ORGAN PASS	7917	6	BZ	9407

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	16	4	58	24.2858	1	23	3	49.193	6	28	33.90	4	9012	MAUI	7939	2	NG	9498
	10	16	4	59	4.2845	1	23	12	47.363	4	42	19.93	4	9012	MAUI	7939	7	WS	1062
	10	16	7	56	7.3167	1	4	48	15.099	-37	4	18.10	4	9011	VILLA DOLO	6967	8	SS	9678
	10	16	15	20	18.0545	3	20	42	31.564	3	0	27.43	4	9008	SHIRAZ	9751	3	HB	9640
	10	16	15	20	30.0553	3	20	46	58.028	2	29	18.39	4	9008	SHIRAZ	9751	6	HB	9641
	10	16	15	26	16.8013	1	20	0	13.635	- 9	59	36.85	4	9006	NAIN TAL	5076	2	SS	269
	10	16	15	26	32.8017	1	20	4	43.725	-10	36	57.99	4	9006	NAIN TAL	5076	4	SS	9629
	10	16	18	21	29.6757	1	3	21	14.038	-37	22	12.07	4	9003	WOOMERA	11130	8	PB	9575
	10	17	1	45	48.4564	1	20	22	10.891	- 0	16	25.22	4	9001	ORGAN PASS	7923	3	BZ	9408
	10	17	1	45	56.4563	1	20	25	12.056	- 0	35	25.20	4	9001	ORGAN PASS	7923	5	BZ	9409
	10	17	16	29	58.4064	3	20	30	50.146	-13	23	19.69	4	9008	SHIRAZ	9763	6	HB	282
	10	17	23	30	33.1689	1	4	12	50.773	-45	39	40.56	4	9002	OLIFANTS	9662	1	SS	9544
	10	17	23	30	57.1692	1	4	33	41.025	-45	48	40.88	4	9002	OLIFANTS	9662	4	SS	9545
	10	18	4	59	23.3839	1	21	49	37.222	6	17	49.06	4	9012	MAUI	7948	3	HB	99
	10	18	4	59	39.3835	1	21	54	42.710	5	26	41.21	4	9012	MAUI	7948	7	HB	100
	10	18	5	50	21.0797	1	6	28	20.662	-28	8	48.29	4	9011	VILLA DOLO	6985	11	PB	9679
	10	18	5	52	22.3225	1	7	35	16.292	-23	23	6.23	4	9011	VILLA DOLO	6985	16	PB	9680
	10	18	5	52	46.3220	1	7	46	27.778	-22	21	22.85	4	9011	VILLA DOLO	6985	22	LE	9681
	10	18	7	9	37.4199	1	19	51	14.839	- 7	21	3.41	4	9012	MAUI	7950	2	LE	9563
	10	18	7	9	45.4197	1	19	53	30.481	- 7	42	30.98	4	9012	MAUI	7950	4	LE	9564
	10	18	16	16	51.4034	1	6	21	53.649	-30	33	49.56	4	9003	WOOMERA	11135	2	BZ	9576
	10	18	16	17	11.4031	1	6	34	13.248	-29	50	28.20	4	9003	WOOMERA	11135	7	BZ	9577
	10	18	18	25	40.3635	1	3	2	25.476	-35	11	7.53	4	9003	WOOMERA	11137	2	BZ	9578
	10	18	18	25	56.3630	1	3	15	2.991	-35	45	33.52	4	9003	WOOMERA	11137	6	BZ	9579
	10	18	22	28	54.2224	1	5	47	13.185	-35	53	37.94	4	9002	OLIFANTS	9681	3	SS	9546
	10	18	22	29	26.2222	1	6	3	48.890	-35	8	11.22	4	9002	OLIFANTS	9681	7	SS	9547
	10	19	0	34	33.8811	1	0	39	10.086	-36	45	37.66	4	9002	OLIFANTS	9685	5	SS	9548
	10	19	0	34	41.8812	1	0	42	10.457	-37	15	8.54	4	9002	OLIFANTS	9685	6	SS	9549
	10	19	6	7	17.0673	1	20	42	42.148	- 8	40	48.60	4	9012	MAUI	7959	2	HB	107
	10	19	6	7	45.0665	1	20	52	5.449	-10	2	45.91	4	9012	MAUI	7959	9	HB	108
	10	19	6	56	14.2975	1	4	25	3.082	-36	23	36.16	4	9011	VILLA DOLO	7005	3	SE	9655
	10	19	6	57	2.2965	1	5	10	2.455	-35	52	44.12	4	9011	VILLA DOLO	7005	15	SE	9656
	10	19	16	35	37.2979	3	20	37	12.329	-24	32	15.18	4	9008	SHIRAZ	9780	7	HB	9643
	10	19	17	21	5.8827	1	2	52	41.703	-36	50	17.32	4	9003	WOOMERA	11141	1	BZ	9580
	10	19	17	21	33.8822	1	3	14	8.421	-37	43	24.96	4	9003	WOOMERA	11141	8	TJ	9581
	10	20	0	54	24.7443	1	20	22	55.079	-17	44	5.86	4	9010	JUPITER	7673	10	KA	9907
	10	20	2	59	39.2991	1	19	58	52.080	-22	30	8.29	4	9001	ORGAN PASS	7932	6	BZ	9410
	10	20	5	2	57.3069	1	21	9	34.279	- 2	51	10.28	4	9012	MAUI	7961	4	HB	2016
	10	20	5	3	9.3067	1	21	13	48.526	- 3	28	41.38	4	9012	MAUI	7961	7	HB	102
	10	20	5	53	52.6435	1	5	49	12.180	-32	3	54.02	4	9011	VILLA DOLO	7030	3	SE	9657
	10	20	5	54	0.6434	1	5	54	42.453	-31	46	37.68	4	9011	VILLA DOLO	7030	5	SE	9658
	10	20	8	3	8.1878	1	2	54	7.426	-29	1	25.68	4	9011	VILLA DOLO	7036	6	KA	9659
	10	20	13	22	23.4461	1	20	9	59.163	-13	12	5.19	4	9006	NAIN TAL	5103	2	HB	9630
	10	20	13	22	47.4463	1	20	18	37.951	-14	11	4.88	4	9006	NAIN TAL	5103	5	HB	9631
	10	20	15	29	23.4310	3	20	13	53.201	-17	33	58.13	4	9008	SHIRAZ	9789	6	SC	9644

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	20	19	39	8.5459	1	19	37	5.712	-22	13	29.64	4	9004	SAN FERNAN	6729	4	SE	9747
	10	20	20	1	38.0152	1	22	27	35.592	11	6	36.62	4	9002	OLIFANTS	9717	4	SS	9550
	10	20	20	1	46.0152	1	22	29	41.166	10	48	31.01	4	9002	OLIFANTS	9717	5	SS	9551
	10	20	23	48	22.6280	1	20	2	35.299	- 9	7	6.86	4	9010	JUPITER	7679	4	KA	9908
	10	20	23	48	46.6288	1	20	11	53.022	-10	13	33.87	4	9010	JUPITER	7679	7	KA	9909
	10	20	23	56	28.7197	1	21	30	19.081	- 7	3	16.61	4	9009	CURACAO	6127	2	TJ	1053
	10	20	23	57	0.7200	1	21	41	5.108	- 8	47	31.13	4	9009	CURACAO	6127	6	TJ	9765
	10	21	1	54	29.0568	1	19	47	44.542	-18	27	26.03	4	9001	ORGAN PASS	7941	1	SE	9411
	10	21	1	54	45.0568	1	19	53	17.950	-19	3	27.26	4	9001	ORGAN PASS	7941	5	SE	9412
	10	21	7	0	29.7871	1	4	8	20.970	-34	44	45.54	4	9011	VILLA DOLO	7053	3	KA	9660
	10	21	7	0	41.7868	1	4	18	28.563	-34	38	48.67	4	9011	VILLA DOLO	7053	6	KA	9661
	10	21	14	32	13.9805	10	20	2	48.274	-26	58	36.08	4	9006	NAIN TAL	5110	2	HB	9632
	10	21	14	32	29.9799	10	20	7	25.367	-27	34	37.39	4	9006	NAIN TAL	5110	4	HB	9633
	10	22	0	58	26.2719	1	19	57	10.054	-25	14	44.76	4	9010	JUPITER	7687	5	KA	9910
	10	22	0	58	42.2718	1	20	2	3.254	-25	53	32.85	4	9010	JUPITER	7687	7	KA	9911
	10	22	1	6	33.4984	1	21	0	14.037	-27	4	59.71	4	9009	CURACAO	6130	3	TJ	9766
	10	22	1	6	57.4988	1	21	7	24.811	-28	13	50.58	4	9009	CURACAO	6130	6	TJ	1054
	10	22	5	6	44.8541	1	20	30	42.177	-12	58	31.03	4	9012	MAUI	7969	3	WS	263
	10	22	5	7	12.8534	1	20	41	0.837	-14	21	35.77	4	9012	MAUI	7969	10	WS	9917
	10	22	5	56	58.3980	1	4	47	28.755	-34	43	26.56	4	9011	VILLA DOLO	7068	2	KA	9662
	10	22	5	57	6.3979	1	4	53	18.540	-34	31	16.66	4	9011	VILLA DOLO	7068	4	KA	9663
	10	22	8	7	24.1731	1	2	51	54.024	-24	13	58.99	4	9011	VILLA DOLO	7072	1	KA	9664
	10	22	8	7	40.1726	1	3	1	0.076	-24	10	25.29	4	9011	VILLA DOLO	7072	3	KA	9665
	10	22	13	26	43.7379	1	19	48	16.540	-22	15	41.86	4	9006	NAIN TAL	5115	2	FI	9872
	10	22	13	26	59.7382	1	19	53	52.839	-22	53	40.20	4	9006	NAIN TAL	5115	4	FI	9873
	10	23	0	1	5.1143	1	21	7	5.892	-20	2	46.84	4	9009	CURACAO	6132	4	CB	9768
	10	23	0	1	21.1144	1	21	12	34.785	-20	50	59.98	4	9009	CURACAO	6132	6	CB	9769
	10	23	2	18	1.0193	1	21	22	46.471	- 3	54	13.57	4	9007	AREQUIPA	7322	4	SS	9926
	10	23	2	18	49.0187	1	21	35	30.856	- 6	15	22.18	4	9007	AREQUIPA	7322	10	SS	9927
	10	23	4	53	48.9223	1	5	21	20.536	-30	40	10.31	4	9011	VILLA DOLO	7088	2	WS	9666
	10	23	4	54	12.9217	1	5	33	57.593	-29	53	46.36	4	9011	VILLA DOLO	7088	5	WS	9667
	10	23	7	2	30.0873	1	2	59	40.746	-66	12	12.80	4	9007	AREQUIPA	7326	5	SS	278
	10	23	7	2	46.0874	1	3	16	38.901	-66	37	50.10	4	9007	AREQUIPA	7326	7	SS	279
	10	23	7	3	23.4789	1	2	58	47.723	-31	8	19.30	4	9011	VILLA DOLO	7092	3	WS	9668
	10	23	7	3	39.4784	1	3	9	9.075	-31	11	13.42	4	9011	VILLA DOLO	7092	5	WS	9669
	10	23	9	18	51.4803	1	5	15	30.514	-52	3	33.03	4	9007	AREQUIPA	7331	4	SS	9929
	10	23	9	19	11.4798	1	5	39	28.972	-51	36	41.61	4	9007	AREQUIPA	7331	9	SS	9930
	10	23	21	18	46.3229	1	22	47	41.623	-21	0	33.77	4	9002	OLIFANTS	9741	2	CB	9569
	10	23	21	30	49.6067	1	4	16	11.329	-40	3	38.42	4	9002	OLIFANTS	9742	9	CB	9571
	10	23	21	31	13.6069	1	4	28	10.307	-39	38	51.41	4	9002	OLIFANTS	9742	12	CB	9572
	10	24	1	2	37.5804	1	19	34	54.198	-31	43	32.20	4	9010	JUPITER	7696	4	WS	9912
	10	24	1	2	53.5838	1	19	39	30.168	-32	21	20.81	4	9010	JUPITER	7696	5	WS	9913
	10	24	1	17	13.3838	1	22	55	32.340	- 9	13	27.90	4	9007	AREQUIPA	7338	2	SS	2187
	10	24	1	20	37.0415	1	23	14	4.227	6	54	56.76	4	9011	VILLA DOLO	7109	3	HB	9645
	10	24	1	21	1.0412	1	23	21	1.575	5	59	18.38	4	9011	VILLA DOLO	7109	6	SC	9646

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1962	10	24	3	47	48.3745	1	5	33	57.695	-47	15	16.86	4	9007	AREQUIPA	7343	3	SS	9928
	10	24	5	54	7.2669	1	0	37	11.956	-58	27	43.33	4	9007	AREQUIPA	7346	3	SS	9934
	10	24	5	54	55.2675	1	1	5	13.924	-60	41	29.94	4	9007	AREQUIPA	7346	9	SS	280
	10	24	5	56	22.8313	1	1	35	17.076	-32	28	34.72	4	9011	VILLA DOLO	7119	3	LE	9647
	10	24	5	56	54.8308	1	1	51	29.334	-33	12	59.55	4	9011	VILLA DOLO	7119	7	LE	9648
	10	24	8	13	24.3818	1	4	26	17.641	-59	57	28.40	4	9007	AREQUIPA	7351	2	BZ	9902
	10	24	8	13	40.3813	1	4	43	56.926	-59	56	47.08	4	9007	AREQUIPA	7351	4	BZ	296
	10	24	11	50	5.7795	1	0	5	23.057	- 1	55	37.48	4	9003	WOOMERA	11178	2	TJ	9582
	10	24	11	50	29.7788	1	0	12	52.155	- 2	50	4.31	4	9003	WOOMERA	11178	5	SE	9583
	10	24	14	5	55.6116	1	0	19	12.484	-24	6	36.00	4	9003	WOOMERA	11185	4	PB	6
	10	24	14	6	7.6114	1	0	23	55.856	-24	32	7.01	4	9003	WOOMERA	11185	7	PB	7
	10	24	16	23	34.5776	1	1	51	32.315	-35	16	35.60	4	9003	WOOMERA	11187	9	PB	2950
	10	24	16	23	46.5774	1	1	58	0.436	-35	31	31.23	4	9003	WOOMERA	11187	12	PB	9
	10	24	18	39	30.4795	1	3	24	53.747	-18	20	24.06	4	9003	WOOMERA	11192	5	HB	10
	10	24	18	39	42.4792	1	3	31	37.796	-17	56	51.74	4	9003	WOOMERA	11192	8	HB	11
	10	24	23	57	33.3816	1	19	25	16.533	-28	50	43.36	4	9010	JUPITER	7701	4	WS	9914
	10	24	23	57	49.3774	1	19	30	59.318	-29	30	26.56	4	9010	JUPITER	7701	6	WS	262
	10	25	0	5	50.8027	1	20	46	41.096	-31	36	24.59	4	9009	CURACAO	6140	4	MJ	9776
	10	25	0	6	6.8030	1	20	52	11.241	-32	20	27.14	4	9009	CURACAO	6140	6	MJ	1055
	10	25	0	12	21.6281	1	23	14	35.275	- 1	1	47.85	4	9007	AREQUIPA	7353	4	HB	9634
	10	25	7	7	0.2782	1	3	0	59.614	-62	25	38.14	4	9007	AREQUIPA	7364	4	HB	9635
	10	25	7	7	32.2782	1	3	30	39.949	-62	57	32.22	4	9007	AREQUIPA	7364	8	HB	270
	10	25	9	20	41.8205	1	3	0	41.632	-38	28	51.15	4	9007	AREQUIPA	7367	3	FI	9868
	10	25	9	21	5.8198	1	3	13	10.580	-38	33	32.63	4	9007	AREQUIPA	7367	6	FI	2014
	10	25	10	44	16.2864	1	23	51	49.253	5	58	3.71	4	9003	WOOMERA	11198	3	LE	12
	10	25	10	44	32.2860	1	23	56	14.495	5	19	45.39	4	9003	WOOMERA	11198	5	LE	13
	10	25	13	0	23.4513	1	0	12	46.868	-18	36	47.00	4	9003	WOOMERA	11213	3	LE	14
	10	25	13	0	47.4504	1	0	21	49.585	-19	25	30.73	4	9003	WOOMERA	11213	6	LE	15
	10	25	15	17	1.5699	1	1	0	53.194	-33	48	58.24	4	9003	WOOMERA	11217	4	LE	16
	10	25	15	17	13.5697	1	1	6	28.439	-34	8	36.78	4	9003	WOOMERA	11217	7	LE	17
	10	25	17	33	52.4403	1	2	39	54.121	-28	16	10.36	4	9003	WOOMERA	11221	9	HB	18
	10	25	17	34	20.4398	1	2	55	15.991	-28	4	14.86	4	9003	WOOMERA	11221	16	HB	19
	10	26	1	21	33.5630	1	22	35	8.933	-20	50	45.64	4	9007	AREQUIPA	7371	2	FI	283
	10	26	1	22	21.5621	1	22	52	30.069	-23	11	7.84	4	9007	AREQUIPA	7371	8	FI	2188
	10	26	3	41	7.9224	1	23	42	14.946	-50	49	52.53	4	9007	AREQUIPA	7374	4	FI	284
	10	26	3	41	31.9222	1	23	53	35.812	-51	46	47.65	4	9007	AREQUIPA	7374	7	FI	285
	10	26	5	15	26.2637	1	19	34	40.319	-32	19	31.08	4	9012	MAUI	7995	2	TJ	9500
	10	26	5	15	46.2634	1	19	41	48.699	-33	13	32.44	4	9012	MAUI	7995	7	TJ	4856
	10	26	5	59	51.7257	1	1	30	30.571	-61	6	2.45	4	9007	AREQUIPA	7376	2	FI	9875
	10	26	6	0	39.7254	1	2	5	1.949	-62	28	36.33	4	9007	AREQUIPA	7376	8	FI	9876
	10	26	8	18	23.5524	1	4	34	18.683	-49	51	49.53	4	9007	AREQUIPA	7379	3	FI	9877
	10	26	8	18	39.5534	1	4	48	30.516	-49	32	17.55	4	9007	AREQUIPA	7379	5	FI	9878
	10	26	13	35	4.0915	1	18	57	11.933	-35	17	39.06	4	9006	NAIN TAL	5135	3	FI	9874
	10	27	0	16	9.5412	1	22	45	54.402	-11	7	51.27	4	9007	AREQUIPA	7381	2	SC	293
	10	27	4	55	36.9179	1	1	29	36.026	-33	58	54.82	4	9011	VILLA DOLO	7153	3	PB	9649

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1962	10	27	4	55	52.9176	1	1	37	28.614	-34	12	34.08	4	9011	VILLA DOLO	7153 5	PB	9650
	10	27	7	11	29.3721	1	2	42	5.316	-20	37	54.87	4	9011	VILLA DOLO	7156 3	LE	9651
	10	27	7	11	45.3719	1	2	49	39.043	-20	17	28.27	4	9011	VILLA DOLO	7156 5	LE	9652
	10	27	7	12	31.9835	1	3	51	11.697	-56	59	52.92	4	9007	AREQUIPA	7390 3	SC	294
	10	27	7	12	47.9844	1	4	4	38.072	-56	52	46.03	4	9007	AREQUIPA	7390 5	SC	295
	10	27	9	34	31.9890	1	9	15	42.802	-57	22	53.56	4	9009	CURACAO	6157 5	MJ	9777
	10	27	9	34	43.9889	1	9	26	3.971	-56	25	1.38	4	9009	CURACAO	6157 8	MJ	9778
	10	27	17	38	38.8729	1	2	54	38.778	-21	28	7.84	4	9003	WOOMERA	11232 4	HB	20
	10	27	17	38	54.8726	1	3	2	33.356	-21	4	7.81	4	9003	WOOMERA	11232 8	SS	21
	10	28	1	27	21.4718	1	22	50	32.109	-35	9	14.55	4	9007	AREQUIPA	7400 3	BZ	9900
	10	28	1	27	37.4010	1	22	57	6.351	-35	48	31.51	4	9007	AREQUIPA	7400 5	BZ	9901
	10	28	1	32	48.8251	1	0	6	26.653	-18	6	54.55	4	9011	VILLA DOLO	7169 3	LE	9653
	10	28	1	33	12.8242	1	0	15	24.208	-18	49	51.65	4	9011	VILLA DOLO	7169 6	LE	9654
	10	28	5	19	40.0901	1	19	5	1.695	-38	44	42.99	4	9012	MAUI	8014 3	CB	264
	10	28	5	19	56.0901	1	19	10	27.923	-39	27	46.17	4	9012	MAUI	8014 7	CB	9919
	10	28	6	5	28.4975	1	2	26	27.975	-59	57	23.93	4	9007	AREQUIPA	7405 5	TJ	9896
	10	28	6	5	56.8328	1	2	11	9.970	-28	16	39.40	4	9011	VILLA DOLO	7177 4	SS	9936
	10	28	6	6	8.4969	1	2	56	20.732	-60	15	55.93	4	9007	AREQUIPA	7405 10	TJ	2015
	10	28	6	6	28.8320	1	2	26	44.529	-28	3	11.61	4	9011	VILLA DOLO	7177 8	SS	9937
	10	28	8	20	59.8127	1	3	11	9.891	- 2	56	59.49	4	9011	VILLA DOLO	7180 4	LE	9684
	10	28	8	21	7.8129	1	3	14	11.196	- 2	32	40.89	4	9011	VILLA DOLO	7180 5	LE	9685
	10	28	14	15	41.1274	1	0	47	0.201	-34	48	18.92	4	9003	WOOMERA	11247 6	SS	22
	10	28	14	15	53.1273	1	0	52	32.029	-35	2	22.38	4	9003	WOOMERA	11247 9	SS	23
	10	28	16	32	12.1289	1	1	59	44.850	-29	54	2.03	4	9003	WOOMERA	11250 2	CB	9938
	10	28	16	32	36.1285	1	2	11	7.651	-29	48	33.75	4	9003	WOOMERA	11250 8	CB	9939
	10	28	18	48	7.6742	1	3	18	13.758	- 2	40	56.23	4	9003	WOOMERA	11253 2	BZ	9940
	10	28	18	48	19.6739	1	3	22	54.662	- 2	2	8.29	4	9003	WOOMERA	11253 5	BZ	9941
	10	29	0	20	19.2631	1	22	22	37.088	-22	32	26.68	4	9007	AREQUIPA	7412 3	LE	9560
	10	29	0	20	51.2625	1	22	35	10.780	-24	3	43.24	4	9007	AREQUIPA	7412 7	LE	274
	10	29	0	26	31.9036	1	23	41	52.102	- 9	26	49.72	4	9011	VILLA DOLO	7187 5	SS	1060
	10	29	0	26	47.9034	1	23	47	17.479	-10	0	35.18	4	9011	VILLA DOLO	7187 7	SS	9687
	10	29	4	59	38.2295	1	1	26	41.047	-32	40	25.44	4	9011	VILLA DOLO	7196 5	SC	9954
	10	29	5	0	2.2291	1	1	37	53.873	-32	48	37.15	4	9011	VILLA DOLO	7196 8	SC	9955
	10	29	7	16	28.4461	1	3	0	12.993	-12	17	28.16	4	9011	VILLA DOLO	7199 3	TJ	300
	10	29	7	16	44.4455	1	3	7	5.950	-11	40	13.77	4	9011	VILLA DOLO	7199 5	TJ	9953
	10	29	7	16	59.7767	1	3	40	42.063	-48	39	9.46	4	9007	AREQUIPA	7421 2	SE	9558
	10	29	7	17	23.7754	1	3	57	8.603	-48	15	58.72	4	9007	AREQUIPA	7421 5	SE	9559
	10	29	13	9	39.1447	1	0	24	14.403	-32	4	51.29	4	9003	WOOMERA	11268 4	BZ	9942
	10	29	13	9	59.1444	1	0	33	4.135	-32	29	38.79	4	9003	WOOMERA	11268 9	BZ	9943
	10	29	15	26	38.4456	1	1	37	55.731	-34	25	45.32	4	9003	WOOMERA	11270 4	WS	290
	10	29	15	26	54.4453	1	1	45	40.669	-34	28	32.91	4	9003	WOOMERA	11270 8	WS	9891
	10	29	17	42	36.1778	1	2	44	52.888	-14	37	23.46	4	9003	WOOMERA	11272 3	CB	291
	10	29	17	42	48.1776	1	2	49	50.397	-14	13	8.07	4	9003	WOOMERA	11272 6	CB	9893
	10	29	23	7	59.6644	1	19	18	37.735	-39	55	53.22	4	9009	CURACAO	6172 3	MJ	2185
	10	30	1	32	28.9727	1	22	57	30.532	-45	8	30.07	4	9007	AREQUIPA	7434 4	LE	9781

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	30	3	53	58.6334	1	1	7	8.723	-34	31	25.82	4	9011	VILLA DOLO	7222	3	LE	9682
	10	30	3	54	22.6326	1	1	18	26.631	-34	43	34.56	4	9011	VILLA DOLO	7222	6	LE	9683
	10	30	6	10	17.1056	1	2	15	30.617	-22	49	7.01	4	9011	VILLA DOLO	7224	4	WS	9670
	10	30	6	10	33.1052	1	2	22	27.450	-22	31	39.69	4	9011	VILLA DOLO	7224	6	WS	287
	10	30	6	10	57.1715	1	3	10	19.682	-55	1	25.08	4	9007	AREQUIPA	7439	2	SE	9556
	10	30	6	11	29.1711	1	3	32	5.364	-54	39	0.14	4	9007	AREQUIPA	7439	6	SE	273
	10	30	8	24	41.8059	1	2	57	58.883	1	57	27.58	4	9011	VILLA DOLO	7228	2	FI	9881
	10	30	8	25	13.8052	1	3	7	56.209	3	35	50.99	4	9011	VILLA DOLO	7228	6	FI	9882
	10	30	8	28	1.6203	1	4	19	35.798	-20	52	42.59	4	9007	AREQUIPA	7443	4	SE	9554
	10	30	8	28	9.6198	1	4	24	4.785	-20	22	43.89	4	9007	AREQUIPA	7443	5	SE	272
	10	31	0	26	4.8840	1	22	41	5.736	-36	54	17.48	4	9007	AREQUIPA	7454	2	SE	9552
	10	31	0	26	36.8822	1	22	59	30.709	-37	59	5.80	4	9007	AREQUIPA	7454	6	SE	271
	10	31	0	30	44.2306	1	23	35	43.866	-17	21	48.63	4	9011	VILLA DOLO	7239	2	LE	9561
	10	31	0	31	16.2298	1	23	47	49.593	-18	19	29.73	4	9011	VILLA DOLO	7239	6	LE	9562
	10	31	2	47	27.0660	1	0	28	28.619	-33	26	16.20	4	9011	VILLA DOLO	7246	1	FI	9883
	10	31	5	4	24.0690	1	1	44	51.435	-29	29	7.17	4	9011	VILLA DOLO	7248	2	FI	286
	10	31	5	4	56.0683	1	1	59	18.855	-29	13	33.00	4	9011	VILLA DOLO	7248	6	FI	9880
	10	31	17	47	19.1221	1	2	52	56.489	- 5	50	32.43	4	9003	WOOMERA	11296	2	WS	9894
	10	31	17	47	23.1222	1	2	54	23.306	- 5	39	56.38	4	9003	WOOMERA	11296	3	WS	9895
	10	31	23	13	6.0026	1	19	3	5.990	-48	17	53.91	4	9009	CURACAO	6186	3	MJ	9779
	10	31	23	13	30.0025	1	19	12	43.292	-49	26	21.43	4	9009	CURACAO	6186	6	MJ	9780
	11	1	3	58	49.0255	1	1	27	57.399	-33	24	44.87	4	9011	VILLA DOLO	7256	5	PG	4214
	11	1	3	58	57.0258	1	1	31	40.562	-33	23	12.91	4	9011	VILLA DOLO	7256	6	PG	4215
	11	1	6	14	58.0870	1	2	26	24.796	-15	24	25.78	4	9011	VILLA DOLO	7258	6	PG	4216
	11	1	6	15	14.0869	1	2	32	40.086	-14	54	50.33	4	9011	VILLA DOLO	7258	8	PG	4217
	11	1	12	7	34.8059	1	23	55	59.150	-32	0	36.88	4	9003	WOOMERA	11307	3	DU	3569
	11	1	12	7	58.8056	1	0	6	41.896	-32	26	1.65	4	9003	WOOMERA	11307	9	DU	3570
	11	1	14	24	57.2578	1	1	16	13.575	-34	57	16.30	4	9003	WOOMERA	11312	3	DU	3571
	11	1	14	25	13.2576	1	1	23	40.686	-34	55	33.74	4	9003	WOOMERA	11312	7	DU	4686
	11	1	14	59	32.9186	10	8	33	37.880	-43	43	30.65	4	9012	MAUI	8056	3	DM	3632
	11	1	14	59	38.9184	10	8	37	55.845	-43	20	13.40	4	9012	MAUI	8056	6	DM	3633
	11	1	16	41	51.5747	1	2	31	8.399	-15	57	18.18	4	9003	WOOMERA	11314	4	DM	3573
	11	1	16	42	11.5746	1	2	39	3.943	-15	18	15.13	4	9003	WOOMERA	11314	9	DM	3574
	11	1	18	56	35.5595	1	3	8	5.395	10	21	34.19	4	9003	WOOMERA	11316	3	DM	5295
	11	1	18	57	15.5587	1	3	19	9.089	12	36	14.55	4	9003	WOOMERA	11316	8	DM	3575
	11	2	0	31	15.8520	1	22	53	19.105	-47	1	34.85	4	9007	AREQUIPA	7484	2	HC	4805
	11	2	0	31	23.8515	1	22	57	28.098	-47	12	48.31	4	9007	AREQUIPA	7484	3	HC	3251
	11	2	0	35	12.0604	1	23	38	8.658	-24	41	42.16	4	9011	VILLA DOLO	7263	5	PG	4218
	11	2	0	35	36.0600	1	23	48	10.642	-25	14	28.17	4	9011	VILLA DOLO	7263	8	PG	4811
	11	2	2	49	50.3394	1	0	26	25.724	-59	33	28.20	4	9007	AREQUIPA	7494	2	HC	3252
	11	2	2	50	6.3396	1	0	36	16.275	-59	40	41.48	4	9007	AREQUIPA	7494	4	HC	3253
	11	2	2	52	39.5748	1	0	58	56.070	-34	59	0.93	4	9011	VILLA DOLO	7267	5	PG	4220
	11	2	2	52	47.5743	1	1	2	39.772	-34	59	37.21	4	9011	VILLA DOLO	7267	6	PG	4221
	11	2	5	9	16.3165	1	2	3	11.271	-23	41	7.67	4	9011	VILLA DOLO	7270	3	PG	4222
	11	2	5	9	24.3164	1	2	6	31.664	-23	31	25.17	4	9011	VILLA DOLO	7270	4	PG	4223

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	2	7	24	27.5037	1	2	43	6.256	1	3	58.61	4	9011	VILLA DOLO	7274	2	PG	4224
	11	2	7	24	35.5037	1	2	45	32.090	1	26	4.39	4	9011	VILLA DOLO	7274	3	PG	4225
	11	2	7	26	54.1611	1	3	46	57.492	-23	24	35.83	4	9007	AREQUIPA	7498	4	HC	6545
	11	2	7	27	2.1610	1	3	50	45.943	-23	0	38.39	4	9007	AREQUIPA	7498	5	HC	3255
	11	2	11	1	58.2411	1	23	44	20.558	-27	7	36.23	4	9003	WOOMERA	11319	5	GL	4690
	11	2	11	2	14.2409	1	23	51	11.532	-27	26	58.18	4	9003	WOOMERA	11319	9	GL	3549
	11	2	15	36	22.8906	1	2	15	30.366	-24	9	50.06	4	9003	WOOMERA	11330	4	GL	4691
	11	2	15	36	38.8901	1	2	22	18.460	-23	46	39.03	4	9003	WOOMERA	11330	8	GL	3550
	11	2	17	51	44.0880	1	2	51	44.927	2	9	31.13	4	9003	WOOMERA	11333	5	MY	3551
	11	2	17	52	16.0872	1	3	1	47.661	3	45	6.82	4	9003	WOOMERA	11333	9	MY	3552
	11	3	4	3	7.3288	1	2	28	26.704	-56	53	18.03	4	9007	AREQUIPA	7509	6	YK	4869
	11	3	6	20	39.8953	1	3	22	26.370	-37	3	31.38	4	9007	AREQUIPA	7512	2	YK	3256
	11	3	6	20	47.8948	1	3	26	23.895	-36	47	40.54	4	9007	AREQUIPA	7512	3	YK	4806
	11	3	8	36	34.8611	1	3	36	45.645	3	50	22.32	4	9007	AREQUIPA	7516	2	YK	6055
	11	3	8	37	30.8593	1	3	56	16.422	8	10	4.31	4	9007	AREQUIPA	7516	9	YK	3257
	11	3	12	12	19.9198	1	0	12	7.993	-35	38	55.84	4	9003	WOOMERA	11343	3	LD	3536
	11	3	12	12	39.9194	1	0	21	34.297	-35	47	32.54	4	9003	WOOMERA	11343	8	LD	3537
	11	3	14	30	0.0685	1	1	41	16.939	-30	59	19.75	4	9003	WOOMERA	11346	6	LD	3538
	11	3	14	30	4.0684	1	1	43	2.926	-30	55	47.32	4	9003	WOOMERA	11346	7	LD	3539
	11	3	15	4	18.1088	10	7	51	24.182	-33	42	1.84	4	9012	MAUI	8075	3	RO	3447
	11	3	15	4	26.1086	10	7	57	23.329	-33	10	51.10	4	9012	MAUI	8075	7	RO	7074
	11	3	23	27	55.1526	1	8	46	54.538	-37	1	40.56	4	9006	NAIN TAL	5213	4	VD	2836
	11	4	7	33	17.8077	1	3	58	26.257	22	30	4.01	4	9011	VILLA DOLO	7284	6	PG	4226
	11	4	7	33	25.8077	1	4	0	57.618	22	58	17.87	4	9011	VILLA DOLO	7284	7	PG	4227
	11	4	7	38	46.3751	1	6	32	36.523	-42	55	42.30	4	9009	CURACAO	6198	4	YK	3258
	11	4	7	39	10.3750	1	6	45	44.188	-41	41	50.68	4	9009	CURACAO	6198	7	YK	3259
	11	4	11	6	41.1670	1	23	57	58.549	-32	38	34.12	4	9003	WOOMERA	11360	4	LD	3540
	11	4	11	6	57.1668	1	0	5	22.547	-32	46	58.65	4	9003	WOOMERA	11360	8	LD	3541
	11	4	13	22	6.3686	1	0	26	39.595	-35	24	30.98	4	9003	WOOMERA	11365	2	PK	3542
	11	4	13	22	34.3682	1	0	39	30.375	-35	23	36.20	4	9003	WOOMERA	11365	9	PK	3543
	11	4	13	58	58.5346	10	7	23	4.843	-41	26	54.47	4	9012	MAUI	8082	2	DU	3449
	11	4	13	59	14.5352	10	7	32	1.777	-40	38	31.24	4	9012	MAUI	8082	6	DU	3450
	11	4	17	15	44.8382	1	22	39	48.075	-33	3	10.61	4	9002	OLIFANTS	9866	5	DM	3529
	11	4	17	16	31.5849	1	23	3	14.851	-34	14	11.54	4	9002	OLIFANTS	9866	12	DM	3530
	11	4	18	1	20.5470	1	4	21	47.203	26	59	58.99	4	9003	WOOMERA	11371	3	PK	3544
	11	4	18	1	40.5467	1	4	28	28.913	28	11	7.97	4	9003	WOOMERA	11371	8	PK	3545
	11	4	21	53	47.0716	1	2	43	15.788	-33	15	53.80	4	9002	OLIFANTS	9879	5	DM	3531
	11	4	21	54	27.0723	1	3	1	1.792	-31	55	6.19	4	9002	OLIFANTS	9879	10	DM	3532
	11	5	0	15	43.6761	1	5	16	55.103	17	4	26.23	4	9002	OLIFANTS	9886	11	DM	4866
	11	5	2	22	24.9696	1	2	51	49.246	14	54	13.23	4	9002	OLIFANTS	9890	4	DM	3534
	11	5	2	22	40.9695	1	2	55	7.744	15	44	20.39	4	9002	OLIFANTS	9890	6	DM	3535
	11	5	8	48	31.3002	1	5	47	20.531	-18	42	1.88	4	9009	CURACAO	6206	4	LD	4874
	11	5	8	48	47.3002	1	5	56	22.767	-17	33	7.34	4	9009	CURACAO	6206	8	LD	3464
	11	5	12	54	39.9064	10	7	29	28.499	-42	39	37.82	4	9012	MAUI	8092	4	DU	3451
	11	5	12	54	51.9064	10	7	34	36.399	-42	3	9.98	4	9012	MAUI	8092	7	DU	3452

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	5	15	8	30.6254	10	6	46	54.808	-21	25	19.95	4	9012	MAUI	8097 4	DU	3453
	11	5	15	8	34.6252	10	6	49	34.405	-21	10	4.41	4	9012	MAUI	8097 6	DU	3454
	11	5	20	53	23.7144	1	4	34	6.316	-24	55	43.05	4	9002	OLIFANTS	9900 4	YK	3561
	11	5	20	53	55.7148	1	4	43	30.518	-23	28	57.79	4	9002	OLIFANTS	9900 8	YK	3562
	11	5	22	59	38.6945	1	1	13	5.983	-23	33	54.39	4	9002	OLIFANTS	9902 4	YK	5294
	11	6	1	23	12.5003	1	4	8	56.607	28	17	17.49	4	9002	OLIFANTS	9908 6	MW	3564
	11	6	1	24	6.4824	1	4	26	42.407	31	47	5.61	4	9002	OLIFANTS	9908 12	MW	4685
	11	6	2	58	33.3332	1	0	38	22.682	-58	17	30.39	4	9007	AREQUIPA	7555 7	MW	4699
	11	6	2	58	49.3325	1	0	47	57.351	-58	13	6.24	4	9007	AREQUIPA	7555 9	DM	4700
	11	6	7	45	49.3941	1	7	14	51.160	-21	58	15.43	4	9009	CURACAO	6214 4	RO	4712
	11	6	7	45	57.3943	1	7	19	27.048	-21	19	33.65	4	9009	CURACAO	6214 6	RO	4713
	11	6	12	5	32.7926	1	8	1	44.874	-28	39	11.47	4	9001	ORGAN PASS	8084 4	DU	3500
	11	6	12	5	44.7925	1	8	10	9.507	-28	8	37.36	4	9001	ORGAN PASS	8084 10	DU	3501
	11	6	14	3	42.3415	10	6	49	50.828	-31	18	44.28	4	9012	MAUI	8101 3	GL	3455
	11	6	14	3	54.3414	10	6	56	34.709	-30	41	14.90	4	9012	MAUI	8101 6	GL	3456
	11	7	0	35	0.5305	1	8	9	39.754	-29	15	6.90	4	9008	SHIRAZ	9964 7	MW	3270
	11	7	0	35	12.5307	1	8	17	2.091	-28	36	9.46	4	9008	SHIRAZ	9964 10	MW	3271
	11	7	1	54	8.5738	1	0	15	43.875	-34	12	30.14	4	9011	VILLA DOLO	7303 4	PG	4228
	11	7	8	54	11.8524	1	5	41	34.678	4	33	33.98	4	9009	CURACAO	6220 5	BO	4231
	11	7	8	54	27.8527	1	5	50	34.878	6	19	19.77	4	9009	CURACAO	6220 9	BO	4232
	11	7	11	1	26.1251	1	7	59	23.842	-31	47	3.92	4	9001	ORGAN PASS	8095 3	RO	3502
	11	7	11	1	46.1251	1	8	10	32.211	-30	52	41.39	4	9001	ORGAN PASS	8095 8	RO	3503
	11	7	12	20	41.1344	1	0	15	54.364	-35	42	58.51	4	9003	WOOMERA	11393 5	GL	3546
	11	7	12	20	53.1340	1	0	21	40.249	-35	37	41.84	4	9003	WOOMERA	11393 8	GL	3547
	11	8	0	46	51.7861	1	0	25	7.803	-60	26	3.99	4	9007	AREQUIPA	7582 4	BN	3634
	11	8	0	46	59.7861	1	0	30	17.263	-60	16	46.71	4	9007	AREQUIPA	7582 5	BN	3635
	11	8	3	1	57.9397	1	0	10	21.138	-55	26	31.87	4	9007	AREQUIPA	7587 8	BN	4701
	11	8	3	2	13.9400	1	0	19	18.796	-55	24	6.81	4	9007	AREQUIPA	7587 10	BN	3637
	11	8	7	49	13.2458	1	6	24	48.865	48	31	15.70	4	9007	AREQUIPA	7589 3	MW	4702
	11	8	7	52	59.7466	1	8	12	24.861	7	57	37.06	4	9009	CURACAO	6229 5	BO	4233
	11	8	7	53	11.7466	1	8	20	19.118	9	2	36.62	4	9009	CURACAO	6229 8	BO	4234
	11	8	9	56	40.1153	1	7	37	5.301	-34	43	13.68	4	9001	ORGAN PASS	8108 5	RO	3504
	11	8	9	56	44.1154	1	7	38	47.143	-34	33	19.31	4	9001	ORGAN PASS	8108 6	RO	3505
	11	8	14	10	18.2191	1	7	25	8.004	-10	6	46.21	4	9012	MAUI	8126 5	LD	3457
	11	8	14	10	28.2190	1	7	31	45.574	- 9	17	41.62	4	9012	MAUI	8126 10	LD	4871
	11	9	1	56	23.3778	1	23	23	32.284	-32	5	51.62	4	9011	VILLA DOLO	7334 3	PG	4229
	11	9	1	56	31.3778	1	23	27	13.218	-32	5	36.72	4	9011	VILLA DOLO	7334 4	PG	4812
	11	9	9	0	14.0041	1	5	49	46.095	30	26	56.60	4	9009	CURACAO	6239 3	BO	4235
	11	9	9	0	30.0043	1	6	0	3.456	32	34	26.01	4	9009	CURACAO	6239 7	BO	4236
	11	9	13	8	25.6931	1	8	47	50.760	- 7	39	12.15	4	9012	MAUI	8138 2	LD	4872
	11	9	13	8	37.6928	1	8	53	50.607	- 6	48	57.83	4	9012	MAUI	8138 5	LD	4873
	11	9	15	18	5.3145	1	5	41	13.966	12	20	29.72	4	9012	MAUI	8143 4	VD	5301
	11	9	15	18	11.3143	1	5	44	22.598	12	59	34.22	4	9012	MAUI	8143 7	VD	4707
	11	10	10	3	22.1175	1	8	16	3.932	-21	36	28.99	4	9001	ORGAN PASS	8147 3	RO	3506
	11	10	10	3	38.1184	1	8	23	48.911	-20	47	28.07	4	9001	ORGAN PASS	8147 7	RO	3507

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	10	10	7	7.6385	1	6	18	15.304	0	5	37.66	4	9010	JUPITER	7814	5	LT	8085
	11	10	10	7	11.6387	1	6	20	35.092	0	23	17.66	4	9010	JUPITER	7814	6	LT	8086
	11	10	12	14	27.5668	1	6	50	15.340	- 6	46	17.54	4	9001	ORGAN PASS	8156	3	LD	3508
	11	10	12	14	37.5667	1	6	56	34.449	- 6	16	9.78	4	9001	ORGAN PASS	8156	8	LD	3509
	11	11	4	56	17.8016	1	7	23	35.555	-16	3	11.04	4	9004	SAN FERNAN	6829	7	PG	5266
	11	11	15	23	45.2017	1	5	44	0.041	32	9	5.93	4	9012	MAUI	8177	4	PL	3277
	11	11	15	23	49.2018	1	5	46	22.263	32	40	47.43	4	9012	MAUI	8177	6	PL	3278
	11	11	23	43	5.5062	1	9	7	48.378	- 2	28	4.72	4	9008	SHIRAZ	10013	6	GL	4709
	11	12	8	4	27.6247	1	9	49	48.183	3	59	46.78	4	9010	JUPITER	7843	7	LT	8087
	11	12	8	4	35.6252	1	9	53	46.433	4	20	52.70	4	9010	JUPITER	7843	8	LT	8088
	11	12	12	19	22.4528	1	6	39	37.847	5	47	47.05	4	9001	ORGAN PASS	8194	4	LD	3510
	11	12	12	19	28.4527	1	6	43	28.371	6	10	35.52	4	9001	ORGAN PASS	8194	7	LD	3511
	11	12	18	33	5.9580	1	8	22	46.973	- 8	20	5.50	4	9005	TOKYO	6863	6	PK	4694
	11	12	20	34	30.0457	1	9	25	6.071	- 4	9	22.41	4	9006	NAIN TAL	5314	11	GL	2845
	11	12	22	44	43.9607	1	8	44	10.347	12	13	13.55	4	9006	NAIN TAL	5318	10	GL	2846
	11	12	22	44	47.9608	1	8	47	32.452	12	27	28.36	4	9006	NAIN TAL	5318	11	GL	2847
	11	13	0	50	30.9874	1	8	6	37.374	13	53	44.79	4	9008	SHIRAZ	10039	5	GL	3652
	11	13	0	50	36.9876	1	8	11	52.734	14	18	44.59	4	9008	SHIRAZ	10039	8	GL	4710
	11	13	2	5	11.5380	1	0	13	36.262	-51	53	20.07	4	9007	AREQUIPA	7603	6	VD	4703
	11	13	12	31	6.9677	1	23	17	28.313	-23	43	39.30	4	9003	WOOMERA	11475	3	MY	3594
	11	13	12	31	22.9673	1	23	24	16.518	-23	27	4.66	4	9003	WOOMERA	11475	7	MY	3595
	11	13	13	19	52.0724	1	9	42	58.983	25	30	39.59	4	9012	MAUI	8184	2	PL	3279
	11	13	13	19	56.0721	1	9	45	28.615	25	36	50.73	4	9012	MAUI	8184	3	PL	3280
	11	13	15	28	42.7282	1	5	28	58.400	42	53	53.68	4	9012	MAUI	8193	5	PL	3281
	11	13	15	28	46.7281	1	5	31	14.172	43	24	51.72	4	9012	MAUI	8193	7	PL	3282
	11	13	21	42	31.1594	1	9	42	3.223	8	46	55.12	4	9006	NAIN TAL	5333	5	GL	2848
	11	13	21	42	39.1597	1	9	46	41.230	9	4	22.63	4	9006	NAIN TAL	5333	7	GL	2849
	11	13	23	51	34.0504	1	6	37	54.259	24	44	37.91	4	9006	NAIN TAL	5342	15	DM	4111
	11	13	23	51	42.0505	1	6	43	55.989	25	31	12.69	4	9006	NAIN TAL	5342	17	DM	2851
	11	14	1	1	40.6281	1	0	12	16.275	-25	10	45.82	4	9011	VILLA DOLO	7391	7	PK	3663
	11	14	1	1	56.6275	1	0	19	36.621	-24	42	18.68	4	9011	VILLA DOLO	7391	9	PK	3664
	11	14	22	49	19.8658	1	8	30	25.108	24	43	41.38	4	9006	NAIN TAL	5357	3	PK	3622
	11	14	22	49	31.8660	1	8	41	36.374	25	18	51.51	4	9006	NAIN TAL	5357	6	PK	3623
	11	15	2	57	59.7423	1	9	40	40.725	- 1	21	15.93	4	9004	SAN FERNAN	6843	6	PG	3576
	11	15	10	31	15.8020	1	2	51	37.623	-11	34	29.53	4	9003	WOOMERA	11488	6	MY	3596
	11	15	10	31	39.8015	1	2	56	40.852	-10	46	14.00	4	9003	WOOMERA	11488	9	MY	3597
	11	15	15	33	36.6480	1	5	19	44.573	49	54	8.01	4	9012	MAUI	8222	3	HC	3283
	11	15	15	33	40.6481	1	5	21	57.457	50	23	5.37	4	9012	MAUI	8222	5	HC	3284
	11	16	1	5	20.6691	1	23	50	22.217	-19	7	33.40	4	9011	VILLA DOLO	7415	7	PK	3665
	11	16	1	5	43.1693	1	1	5	22.491	-48	47	45.25	4	9007	AREQUIPA	7621	3	VD	4704
	11	16	1	5	51.1692	1	1	9	25.764	-48	23	33.32	4	9007	AREQUIPA	7621	4	VD	3641
	11	16	4	4	50.2132	1	9	11	37.465	6	33	9.61	4	9004	SAN FERNAN	6867	5	PG	4687
	11	16	4	4	58.2135	1	9	17	11.232	6	45	21.81	4	9004	SAN FERNAN	6867	7	PG	3579
	11	16	8	14	11.3641	1	9	0	31.251	66	17	50.53	4	9009	CURACAO	6299	4	BO	4237
	11	16	8	14	27.3637	1	9	20	48.764	66	16	7.98	4	9009	CURACAO	6299	6	BO	4813

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	16	11	31	40.8487	1	23	41	57.158	-20	36	51.54	4	9003	WOOMERA	11500	4	PL	3598
	11	16	11	32	8.8481	1	23	54	53.077	-19	41	6.14	4	9003	WOOMERA	11500	11	PL	3599
	11	16	14	32	21.6322	1	9	0	26.737	58	37	49.66	4	9012	MAUI	8227	3	HC	3286
	11	16	22	54	32.7444	1	8	58	15.832	35	48	26.86	4	9006	NAIN TAL	5391	7	PK	3625
	11	16	22	54	37.0175	1	9	2	41.185	35	53	57.02	4	9006	NAIN TAL	5391	8	PK	3626
	11	17	2	11	53.6956	1	23	0	17.652	-39	34	48.23	4	9007	AREQUIPA	7631	4	PK	3642
	11	17	2	12	1.6951	1	23	4	7.705	-39	25	48.96	4	9007	AREQUIPA	7631	5	DM	4705
	11	17	5	11	12.0724	1	7	31	46.688	13	31	41.86	4	9004	SAN FERNAN	6887	4	PG	4688
	11	17	5	11	14.0725	1	7	33	17.570	13	35	49.18	4	9004	SAN FERNAN	6887	5	PG	4689
	11	17	12	38	44.5953	1	22	53	58.512	- 9	39	3.80	4	9003	WOOMERA	11507	7	PL	3600
	11	17	13	29	24.9489	1	10	0	20.828	45	56	35.11	4	9012	MAUI	8238	4	HC	3287
	11	17	13	29	32.9486	1	10	6	27.806	45	47	16.94	4	9012	MAUI	8238	6	HC	3288
	11	18	1	9	6.2340	1	23	29	20.026	-11	42	24.47	4	9011	VILLA DOLO	7427	6	GL	3666
	11	18	1	9	39.5779	1	0	36	39.947	-43	15	4.43	4	9007	AREQUIPA	7635	5	MW	3644
	11	18	1	9	47.5780	1	0	40	45.115	-42	50	25.19	4	9007	AREQUIPA	7635	6	MW	3645
	11	18	11	35	43.9573	1	23	27	35.606	-12	24	7.47	4	9003	WOOMERA	11518	4	BA	3602
	11	18	11	35	55.9570	1	23	32	51.617	-11	57	59.98	4	9003	WOOMERA	11518	7	BA	3603
	11	19	0	7	9.3655	1	2	0	49.058	-38	58	58.19	4	9007	AREQUIPA	7644	5	MW	3646
	11	19	0	7	17.3646	1	2	3	28.163	-38	26	45.75	4	9007	AREQUIPA	7644	6	MW	3647
	11	19	2	17	7.7233	1	23	16	51.948	-28	16	44.50	4	9007	AREQUIPA	7648	8	DU	3648
	11	19	2	17	15.6791	1	23	20	14.999	-28	0	59.00	4	9007	AREQUIPA	7648	9	DU	3649
	11	19	5	16	16.4212	1	7	53	18.454	19	12	49.74	4	9004	SAN FERNAN	6927	5	PG	3582
	11	19	5	16	20.4212	1	7	56	35.361	19	17	30.12	4	9004	SAN FERNAN	6927	6	PG	3583
	11	20	0	3	16.3505	3	10	23	1.273	35	4	1.83	4	9008	SHIRAZ	10151	5	GL	3654
	11	20	0	3	20.3507	3	10	26	1.796	34	55	58.36	4	9008	SHIRAZ	10151	6	GL	3655
	11	20	1	13	36.2476	1	23	25	12.536	- 2	4	48.89	4	9011	VILLA DOLO	7439	7	GL	3667
	11	20	1	13	44.2474	1	23	28	22.603	- 1	46	24.31	4	9011	VILLA DOLO	7439	8	GL	3668
	11	20	1	14	22.9383	1	0	28	9.109	-32	54	48.07	4	9007	AREQUIPA	7656	4	BN	3262
	11	20	1	15	10.6105	1	0	50	15.242	-30	10	27.28	4	9007	AREQUIPA	7656	9	BN	4808
	11	20	4	13	29.7973	1	8	52	28.593	18	57	11.15	4	9004	SAN FERNAN	6944	4	PG	4868
	11	20	4	13	41.7973	1	9	1	32.948	18	57	37.42	4	9004	SAN FERNAN	6944	7	PG	3585
	11	20	10	29	55.3981	1	10	13	13.854	27	18	15.86	4	9001	ORGAN PASS	8250	4	LD	3512
	11	20	10	30	5.3981	1	10	19	59.367	27	2	42.77	4	9001	ORGAN PASS	8250	9	LD	6543
	11	21	0	11	24.2828	1	0	28	42.168	- 1	34	56.98	4	9011	VILLA DOLO	7442	3	MY	3669
	11	21	0	11	40.2824	1	0	34	52.317	- 0	55	9.48	4	9011	VILLA DOLO	7442	5	MY	3670
	11	21	2	19	58.8858	1	22	37	23.920	-5	7	28.81	4	9011	VILLA DOLO	7446	4	RO	4809
	11	21	2	20	22.8861	1	22	44	28.070	5	57	17.30	4	9011	VILLA DOLO	7446	7	RO	3272
	11	21	3	12	26.7775	1	10	22	23.737	15	16	43.90	4	9004	SAN FERNAN	6949	5	PG	3586
	11	21	3	12	30.7775	1	10	24	23.117	15	13	3.91	4	9004	SAN FERNAN	6949	6	PG	3587
	11	21	10	39	19.8234	1	0	56	56.746	1	15	51.15	4	9003	WOOMERA	11529	6	BA	3604
	11	21	10	39	35.8232	1	1	2	28.854	1	54	33.77	4	9003	WOOMERA	11529	10	BA	3605
	11	21	12	47	25.0262	1	22	47	10.976	6	44	20.08	4	9003	WOOMERA	11533	3	BA	3606
	11	21	12	48	5.0258	1	22	59	7.809	8	13	2.11	4	9003	WOOMERA	11533	13	BA	3607
	11	21	13	39	21.4734	1	10	49	32.734	53	33	22.96	4	9012	MAUI	8262	5	YK	3289
	11	21	13	39	29.4732	1	10	55	24.095	53	6	45.42	4	9012	MAUI	8262	7	YK	3290

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	21	15	45	21.7226	1	4	32	56.721	44	21	22.56	4	9012	MAUI	8265	5	YK	3291
	11	21	15	45	29.7226	1	4	35	16.874	44	53	21.88	4	9012	MAUI	8265	7	YK	3292
	11	22	0	8	38.5109	3	11	0	37.146	34	57	25.46	4	9008	SHIRAZ	10183	5	MY	4711
	11	22	0	8	42.5106	3	11	3	16.614	34	44	3.24	4	9008	SHIRAZ	10183	6	MY	3657
	11	22	1	17	25.2410	1	23	3	6.425	5	51	39.56	4	9011	VILLA DOLO	7456	4	RD	3273
	11	22	1	17	41.2409	1	23	9	0.541	6	29	55.36	4	9011	VILLA DOLO	7456	6	RD	3274
	11	22	4	18	41.6449	1	9	24	24.790	21	6	28.29	4	9004	SAN FERNAN	6959	5	PG	3588
	11	22	4	18	45.6452	1	9	27	22.440	21	1	11.10	4	9004	SAN FERNAN	6959	6	PG	3589
	11	22	11	44	50.1558	1	23	16	44.843	7	38	16.29	4	9003	WOOMERA	11544	3	DM	3608
	11	22	11	45	6.1556	1	23	22	39.465	8	18	1.45	4	9003	WOOMERA	11544	7	DM	3609
	11	22	12	40	48.8990	1	5	44	29.852	24	28	48.58	4	9001	ORGAN PASS	8287	2	BA	3514
	11	22	12	41	12.8992	1	5	54	37.177	25	8	52.00	4	9001	ORGAN PASS	8287	8	BA	3515
	11	23	0	17	3.7172	1	0	40	30.463	11	17	6.68	4	9011	VILLA DOLO	7466	5	BA	3275
	11	23	0	17	27.7149	1	0	48	41.470	12	8	26.52	4	9011	VILLA DOLO	7466	8	BA	3276
	11	23	9	31	47.0571	1	10	33	17.684	24	0	27.19	4	9001	ORGAN PASS	8300	3	BA	4684
	11	23	10	42	17.0289	1	0	7	36.771	7	53	44.25	4	9003	WOOMERA	11552	6	DM	3610
	11	23	10	42	33.0290	1	0	13	50.895	8	33	7.04	4	9003	WOOMERA	11552	10	DM	3611
	11	23	11	40	38.3937	1	8	19	23.886	33	49	54.40	4	9001	ORGAN PASS	8306	2	BA	3516
	11	23	11	40	46.3948	1	8	26	28.159	33	46	15.70	4	9001	ORGAN PASS	8306	6	BA	3517
	11	23	12	52	45.0447	1	22	57	11.810	16	17	17.09	4	9003	WOOMERA	11556	3	BN	3260
	11	23	12	53	25.0441	1	23	8	2.085	17	49	12.06	4	9003	WOOMERA	11556	8	BN	3261
	11	23	17	55	4.4173	1	10	12	34.181	20	42	57.07	4	9005	TOKYO	6900	3	LD	2826
	11	23	17	55	20.4235	1	10	21	35.273	20	9	12.93	4	9005	TOKYO	6900	5	LD	2827
	11	23	17	55	44.4331	1	10	34	40.514	19	16	19.66	4	9005	TOKYO	6900	8	LD	2828
	11	23	20	3	56.8207	1	7	38	11.534	18	47	41.72	4	9005	TOKYO	6908	3	PK	2829
	11	23	20	4	12.8265	1	7	49	18.469	18	33	2.33	4	9005	TOKYO	6908	7	PK	2830
	11	24	1	21	55.5644	1	23	11	28.742	-12	24	49.28	4	9007	AREQUIPA	7683	9	VD	4870
	11	24	1	22	15.5644	1	23	20	22.552	-11	17	1.46	4	9007	AREQUIPA	7683	14	VD	3267
	11	24	1	26	33.3232	1	0	42	21.231	-45	27	49.89	4	9009	CURACAO	6356	7	BO	4239
	11	24	1	26	41.3237	1	0	45	25.655	-45	8	31.16	4	9009	CURACAO	6356	8	BO	4240
	11	24	4	23	37.9489	1	9	42	47.644	19	41	58.73	4	9004	SAN FERNAN	6967	3	PG	3590
	11	24	4	23	41.9490	1	9	45	33.820	19	32	41.24	4	9004	SAN FERNAN	6967	4	PG	3591
	11	24	11	49	29.3549	1	23	9	37.071	17	0	43.03	4	9003	WOOMERA	11566	7	BN	2817
	11	24	11	49	45.3548	1	23	15	2.411	17	40	7.64	4	9003	WOOMERA	11566	11	BN	2818
	11	25	0	19	51.4620	1	23	47	8.705	17	15	43.55	4	9011	VILLA DOLO	7491	9	BN	3293
	11	25	0	24	18.7780	1	2	1	50.254	-43	47	48.04	4	9009	CURACAO	6373	6	BO	4241
	11	25	0	24	34.7782	1	2	6	43.810	-42	52	37.88	4	9009	CURACAO	6373	8	BO	4242
	11	25	9	36	4.6418	1	10	32	37.269	24	56	56.73	4	9001	ORGAN PASS	8310	4	MY	3518
	11	25	9	36	20.6418	1	10	39	38.147	24	18	52.92	4	9001	ORGAN PASS	8310	8	MY	4865
	11	25	9	40	58.9114	1	7	0	59.399	70	37	7.36	4	9009	CURACAO	6386	3	BO	4243
	11	25	10	46	17.6953	1	23	39	23.601	16	52	1.60	4	9003	WOOMERA	11578	3	BN	2819
	11	25	10	46	33.6950	1	23	45	38.577	17	30	14.39	4	9003	WOOMERA	11578	7	BN	4693
	11	25	11	45	37.1272	1	8	42	16.015	29	9	53.86	4	9001	ORGAN PASS	8317	3	MY	3519
	11	25	11	45	45.1270	1	8	48	48.092	28	54	23.22	4	9001	ORGAN PASS	8317	7	MY	3520
	11	25	17	58	58.3237	1	9	52	52.842	21	3	32.23	4	9005	TOKYO	6924	2	PK	3661

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	25	17	59	14.3325	1	10	1	59.974	20	24	19.54	4	9005	TOKYO	6924	4	PK	3662
	11	25	19	4	55.7854	1	20	52	24.878	0	47	8.96	4	9002	OLIFANTS	10013	6	MW	3565
	11	25	19	5	19.7861	1	21	0	7.527	1	42	3.10	4	9002	OLIFANTS	10013	9	MW	3566
	11	25	20	8	46.0696	1	7	54	43.417	13	8	14.94	4	9005	TOKYO	6929	5	VD	4695
	11	25	20	8	54.0696	1	7	59	48.472	12	50	42.84	4	9005	TOKYO	6929	6	VD	3618
	11	26	1	26	58.7052	1	23	6	54.107	2	50	56.79	4	9007	AREQUIPA	7706	7	MW	3268
	11	26	1	27	22.7044	1	23	16	31.108	4	16	26.49	4	9007	AREQUIPA	7706	10	MW	3269
	11	26	11	54	5.2955	1	22	59	34.400	24	59	20.03	4	9003	WOOMERA	11597	2	VD	2821
	11	26	11	55	17.2943	1	23	21	58.646	27	49	19.96	4	9003	WOOMERA	11597	11	VD	2822
	11	26	17	59	24.3957	1	19	43	27.681	- 7	19	22.94	4	9002	OLIFANTS	10028	3	MW	3567
	11	26	17	59	48.3959	1	19	53	13.470	- 6	31	49.39	4	9002	OLIFANTS	10028	6	MW	3568
	11	27	6	46	11.4639	1	1	3	23.094	-41	39	29.94	4	9012	MAUI	8297	6	DU	5300
	11	27	7	35	15.3487	1	11	10	12.661	61	16	44.17	4	9009	CURACAO	6398	4	BO	4244
	11	27	7	35	31.3489	1	11	19	17.049	60	16	39.46	4	9009	CURACAO	6398	6	BO	4245
	11	27	9	40	56.0045	1	10	43	19.901	22	33	11.55	4	9001	ORGAN PASS	8342	2	MY	5293
	11	27	9	41	24.0061	1	10	54	30.717	21	15	6.84	4	9001	ORGAN PASS	8342	9	MY	3522
	11	27	9	45	8.7362	1	6	48	3.852	64	21	1.06	4	9009	CURACAO	6404	6	RO	3682
	11	27	9	45	24.7363	1	7	2	0.881	64	58	12.05	4	9009	CURACAO	6404	8	RO	3683
	11	27	10	50	17.5939	1	23	9	45.386	24	41	23.60	4	9003	WOOMERA	11611	3	VD	2823
	11	27	10	50	25.5939	1	23	12	49.701	25	0	35.87	4	9003	WOOMERA	11611	5	VD	2824
	11	27	11	49	48.5766	1	8	25	25.349	23	7	53.17	4	9001	ORGAN PASS	8348	4	GL	3523
	11	27	11	50	2.5765	1	8	35	20.055	22	33	57.54	4	9001	ORGAN PASS	8348	11	GL	3524
	11	27	13	53	21.4830	1	10	56	58.703	50	2	14.75	4	9012	MAUI	8302	8	BA	2831
	11	28	0	19	39.3740	1	8	59	6.861	35	19	13.40	4	9008	SHIRAZ	10247	6	MY	3658
	11	28	0	19	47.3739	1	9	4	55.532	34	58	39.43	4	9008	SHIRAZ	10247	8	MY	7075
	11	28	8	43	39.6547	1	10	34	55.019	64	53	16.44	4	9009	CURACAO	6416	5	LD	4112
	11	28	8	43	55.6547	1	10	49	31.186	63	57	4.58	4	9009	CURACAO	6416	7	LD	3685
	11	28	10	47	51.0461	1	10	1	37.843	22	6	57.94	4	9001	ORGAN PASS	8360	4	GL	3525
	11	28	10	48	1.0461	1	10	7	25.796	21	31	25.97	4	9001	ORGAN PASS	8360	9	GL	3526
	11	28	21	13	13.6672	1	11	6	33.398	23	50	17.43	4	9006	NAIN TAL	5554	4	MY	4697
	11	28	21	13	21.6677	1	11	9	22.972	23	24	54.43	4	9006	NAIN TAL	5554	5	MY	4698
	11	29	0	32	0.1920	1	0	41	19.430	-32	56	50.97	4	9009	CURACAO	6425	6	VD	3686
	11	29	0	32	16.1923	1	0	47	44.812	-31	56	18.19	4	9009	CURACAO	6425	8	VD	3687
	11	29	1	28	31.0507	1	8	42	47.121	20	12	25.43	4	9008	SHIRAZ	10266	5	DM	3659
	11	29	1	28	39.0511	1	8	48	15.851	19	45	19.65	4	9008	SHIRAZ	10266	7	DM	6546
	11	29	6	48	59.5468	1	0	2	18.858	-38	21	32.95	4	9012	MAUI	8319	4	VD	2832
	11	29	6	49	15.5458	1	0	8	12.119	-37	41	14.19	4	9012	MAUI	8319	5	VD	2833
	11	29	7	40	22.9607	1	11	19	33.248	56	55	11.69	4	9009	CURACAO	6430	3	VD	3688
	11	29	7	40	54.9602	1	11	34	59.360	54	45	9.73	4	9009	CURACAO	6430	7	VD	3689
	11	29	9	45	46.8630	1	10	48	58.359	18	7	15.88	4	9001	ORGAN PASS	8373	5	GL	3527
	11	29	9	46	2.8679	1	10	54	55.706	17	19	16.74	4	9001	ORGAN PASS	8373	9	GL	3528
	11	29	22	19	43.9298	1	10	13	6.714	24	32	59.64	4	9006	NAIN TAL	5572	4	BA	3629
	11	29	22	19	51.9301	1	10	17	30.904	24	1	12.42	4	9006	NAIN TAL	5572	5	BA	3630
	11	30	2	27	15.9858	1	10	28	5.322	11	45	36.32	4	9004	SAN FERNAN	7012	3	PG	5297
	11	30	2	27	31.9853	1	10	33	12.122	11	10	32.52	4	9004	SAN FERNAN	7012	5	PG	3593

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	30	4	36	47.3144	1	9	15	14.410	5	4	30.15	4	9004	SAN FERNAN	7016	4	PG	6547
	11	30	4	36	55.3144	1	9	19	30.660	4	38	13.16	4	9004	SAN FERNAN	7016	6	PG	4213
	11	30	5	48	43.1732	1	1	52	0.888	-32	11	33.22	4	9012	MAUI	8322	6	VD	2834
	11	30	5	48	47.1732	1	1	53	13.687	-31	56	55.15	4	9012	MAUI	8322	7	VD	2835
	11	30	17	6	19.1621	1	10	36	57.577	10	6	10.27	4	9005	TOKYO	6947	6	VD	4696
	11	30	19	15	10.6137	1	8	48	51.777	2	42	49.30	4	9005	TOKYO	6950	7	VD	3620
	11	30	19	15	26.6139	1	8	57	18.515	1	47	28.84	4	9005	TOKYO	6950	11	VD	3621
	11	30	21	18	36.4104	1	11	18	21.432	16	35	22.34	4	9006	NAIN TAL	5585	7	DM	3247
	11	30	23	27	33.5161	1	9	15	18.666	11	10	18.59	4	9006	NAIN TAL	5591	8	DM	4804
	12	1	0	36	23.1947	1	0	8	5.265	-22	8	35.49	4	9009	CURACAO	6447	2	WS	5994
	12	1	0	36	47.1953	1	0	18	11.611	-20	31	0.86	4	9009	CURACAO	6447	5	WS	5995
	12	1	20	21	32.6715	1	7	39	35.179	- 5	42	20.82	4	9005	TOKYO	6963	2	KA	5456
	12	1	20	21	40.6717	1	7	42	40.917	- 6	9	45.74	4	9005	TOKYO	6963	3	KA	5457
	12	1	22	24	38.2071	1	10	11	16.405	14	38	39.35	4	9006	NAIN TAL	5604	2	TJ	6169
	12	1	22	25	2.2083	1	10	23	3.988	13	1	30.64	4	9006	NAIN TAL	5604	5	TJ	6170
	12	1	23	34	25.5240	1	1	38	9.246	-21	2	43.68	4	9009	CURACAO	6452	2	WS	5996
	12	1	23	34	33.5240	1	1	40	59.283	-20	24	26.94	4	9009	CURACAO	6452	3	WS	6528
	12	2	1	43	18.4419	1	22	43	31.849	- 5	25	8.58	4	9009	CURACAO	6456	2	KA	6529
	12	2	1	43	19.6703	1	0	12	42.090	-29	34	51.66	4	9010	JUPITER	7967	3	SY	8170
	12	2	1	43	35.6710	1	0	18	12.290	-28	51	53.94	4	9010	JUPITER	7967	5	SY	8171
	12	2	1	43	42.4423	1	22	50	56.423	- 4	5	22.04	4	9009	CURACAO	6456	5	KA	5998
	12	2	3	49	44.9983	1	0	7	9.560	-30	18	15.45	4	9001	ORGAN PASS	8383	3	TJ	5438
	12	2	3	49	48.9984	1	0	8	23.262	-30	9	36.09	4	9001	ORGAN PASS	8383	4	TJ	5439
	12	2	8	53	32.8943	1	10	14	11.777	49	31	24.60	4	9009	CURACAO	6459	3	KA	5999
	12	2	8	53	36.8944	1	10	17	2.418	49	15	56.69	4	9009	CURACAO	6459	4	KA	6000
	12	2	14	15	47.6612	1	1	31	0.526	-29	14	35.84	4	9006	NAIN TAL	5611	1	TJ	6171
	12	2	17	10	19.3276	1	10	21	27.080	5	59	42.66	4	9005	TOKYO	6967	1	TJ	5458
	12	2	17	10	27.3277	1	10	24	5.779	5	39	16.57	4	9005	TOKYO	6967	2	TJ	5459
	12	2	19	19	13.9621	1	8	28	44.290	- 3	59	29.91	4	9005	TOKYO	6972	1	KA	6099
	12	2	19	19	21.9626	1	8	32	22.788	- 4	27	12.83	4	9005	TOKYO	6972	3	KA	5460
	12	3	0	40	36.2093	1	23	29	44.540	- 9	58	8.86	4	9009	CURACAO	6467	4	KA	6001
	12	3	0	41	54.8240	1	0	3	31.021	- 4	11	36.35	4	9009	CURACAO	6467	11	KA	6002
	12	3	1	36	54.1709	1	8	5	52.502	1	16	48.04	4	9008	SHIRAZ	10315	6	PB	6172
	12	3	1	37	2.1715	1	8	9	36.196	0	45	28.53	4	9008	SHIRAZ	10315	8	PB	6173
	12	3	2	48	36.0770	1	1	18	52.929	-29	15	12.12	4	9001	ORGAN PASS	8397	6	TJ	5440
	12	3	7	48	58.6836	1	11	2	20.902	16	1	14.26	4	9010	JUPITER	7976	5	KA	8172
	12	3	9	58	44.2675	1	9	10	37.458	4	53	20.84	4	9010	JUPITER	7979	4	KA	8173
	12	3	9	58	52.2683	1	9	14	55.496	4	17	43.88	4	9010	JUPITER	7979	5	KA	8174
	12	3	12	2	54.9996	1	8	0	30.560	- 2	22	21.81	4	9001	ORGAN PASS	8403	4	NG	6091
	12	3	12	3	3.0002	1	8	3	58.724	- 2	51	33.01	4	9001	ORGAN PASS	8403	6	NG	5443
	12	3	14	7	24.7832	1	10	18	39.180	27	36	39.61	4	9012	MAUI	8346	3	LE	5481
	12	3	14	7	36.7830	1	10	24	51.949	26	41	13.70	4	9012	MAUI	8346	6	LE	5482
	12	3	22	24	43.0624	1	10	42	7.610	13	41	0.25	4	9008	SHIRAZ	10326	3	PB	6174
	12	4	0	35	15.1703	1	9	36	49.258	1	9	7.58	4	9008	SHIRAZ	10329	4	PB	6176
	12	4	0	35	23.1715	1	9	40	39.663	0	37	13.03	4	9008	SHIRAZ	10329	6	PB	6177

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1962	12	4	3	53	54.6581	1	23	42	53.114	-23	8	43.19	4	9001	ORGAN PASS	8414	2	NG	6092
	12	4	3	54	2.6590	1	23	45	21.342	-22	50	26.36	4	9001	ORGAN PASS	8414	4	NG	5445
	12	4	5	56	19.5050	1	0	35	13.349	-19	58	43.04	4	9012	MAUI	8352	3	SE	5483
	12	4	5	56	27.5047	1	0	38	34.450	-19	25	2.81	4	9012	MAUI	8352	5	SE	5484
	12	4	11	1	33.8257	1	9	30	3.326	- 3	42	23.64	4	9001	ORGAN PASS	8420	2	PB	5446
	12	4	11	1	53.8309	1	9	38	51.498	- 4	53	21.38	4	9001	ORGAN PASS	8420	7	PB	5447
	12	4	15	14	18.5876	1	8	26	26.871	14	8	29.58	4	9012	MAUI	8356	4	SE	5485
	12	4	15	14	22.5876	1	8	28	32.843	13	52	12.39	4	9012	MAUI	8356	6	SE	5486
	12	5	0	46	10.4103	1	1	7	5.502	-20	44	48.77	4	9010	JUPITER	7989	4	KA	8175
	12	5	0	46	16.8387	1	23	29	25.272	9	24	31.46	4	9009	CURACAO	6479	15	BZ	6003
	12	5	0	47	39.2346	1	0	6	10.667	15	44	32.20	4	9009	CURACAO	6479	20	BZ	6004
	12	5	1	40	57.4278	1	7	47	53.750	- 6	33	3.63	4	9008	SHIRAZ	10342	3	BZ	6178
	12	5	1	41	9.4288	1	7	52	29.324	- 7	19	22.43	4	9008	SHIRAZ	10342	6	BZ	6179
	12	5	4	54	24.9168	1	1	52	37.996	-18	9	10.80	4	9012	MAUI	8362	2	SE	5487
	12	5	4	54	40.9165	1	1	57	56.789	-16	57	37.59	4	9012	MAUI	8362	6	SE	5488
	12	5	7	2	38.9306	1	22	53	1.865	- 6	49	39.31	4	9012	MAUI	8365	4	BZ	5567
	12	5	7	2	42.9306	1	22	54	24.269	- 6	35	57.29	4	9012	MAUI	8365	5	WS	6527
	12	5	14	11	41.8142	1	9	47	38.301	17	8	12.59	4	9012	MAUI	8370	4	WS	5569
	12	5	14	11	49.8139	1	9	51	36.234	16	32	18.85	4	9012	MAUI	8370	6	WS	5570
	12	6	0	39	18.0810	1	9	6	18.962	- 7	32	58.91	4	9008	SHIRAZ	10354	6	PB	6180
	12	6	0	39	26.0813	1	9	9	47.129	- 8	3	28.69	4	9008	SHIRAZ	10354	8	KA	6181
	12	6	1	50	48.0833	1	1	52	20.669	-21	53	6.46	4	9001	ORGAN PASS	8440	4	PB	5448
	12	6	1	50	52.0843	1	1	53	35.934	-21	39	5.36	4	9001	ORGAN PASS	8440	5	LE	6507
	12	6	11	5	5.9816	1	8	50	33.106	- 9	42	12.72	4	9001	ORGAN PASS	8450	3	FI	5520
	12	6	13	9	41.1938	1	10	53	52.565	13	52	3.42	4	9012	MAUI	8379	3	WS	5571
	12	6	13	10	5.1936	1	11	1	38.267	12	21	6.19	4	9012	MAUI	8379	9	WS	5572
	12	6	15	19	14.5749	1	8	21	20.330	- 1	10	35.80	4	9012	MAUI	8382	3	TJ	5573
	12	6	15	19	26.5745	1	8	26	41.390	- 2	5	51.30	4	9012	MAUI	8382	6	KA	5574
	12	6	17	19	37.3500	1	10	7	40.620	- 8	44	53.44	4	9005	TOKYO	7003	2	BZ	5462
	12	6	17	19	45.3497	1	10	10	6.108	- 9	3	57.01	4	9005	TOKYO	7003	3	BZ	6101
	12	6	19	27	5.5811	1	7	49	19.323	-15	25	29.74	4	9005	TOKYO	7006	6	BZ	5464
	12	6	21	31	1.1381	1	10	20	6.955	- 2	12	35.09	4	9006	NAIN TAL	5646	2	TJ	5470
	12	6	21	31	25.1386	1	10	27	57.756	- 3	24	36.74	4	9006	NAIN TAL	5646	5	TJ	6103
	12	6	23	39	14.6757	1	7	48	42.600	-12	5	40.56	4	9006	NAIN TAL	5650	4	TJ	5472
	12	6	23	39	30.6761	1	7	54	20.429	-13	6	24.08	4	9006	NAIN TAL	5650	6	TJ	5473
	12	7	0	50	0.0541	1	22	40	2.502	18	20	41.38	4	9009	CURACAO	6489	2	BZ	6005
	12	7	1	45	3.2327	1	7	33	26.839	-13	22	50.33	4	9008	SHIRAZ	10369	3	KA	5736
	12	7	2	56	30.6661	1	0	20	50.868	-17	10	22.31	4	9001	ORGAN PASS	8459	3	FI	5521
	12	7	2	56	34.6652	1	0	22	23.972	-16	57	30.07	4	9001	ORGAN PASS	8459	4	FI	5522
	12	7	3	46	59.5198	1	9	12	34.169	-13	27	33.33	4	9004	SAN FERNAN	7036	2	FI	5552
	12	7	3	47	23.5197	1	9	20	57.779	-14	32	39.17	4	9004	SAN FERNAN	7036	5	FI	6094
	12	7	4	58	53.8507	1	1	36	11.222	- 8	8	6.23	4	9012	MAUI	8385	3	SS	5575
	12	7	4	59	9.8503	1	1	42	38.504	- 6	52	51.12	4	9012	MAUI	8385	7	SS	5576
	12	7	12	10	59.8778	1	7	30	15.757	-15	12	14.77	4	9001	ORGAN PASS	8465	4	FI	6509
	12	7	18	25	53.5085	1	9	0	47.493	-18	3	22.19	4	9005	TOKYO	7013	2	BZ	5465

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1962	12	7	18	26	25.5084	1	9	12	3.949	-19	34	40.73	4	9005	TOKYO	7013	6	BZ	5466
	12	8	1	54	33.9650	1	1	26	29.263	-17	26	9.09	4	9001	ORGAN PASS	8472	2	FI	5557
	12	8	4	53	36.1916	1	8	8	54.455	-21	30	22.15	4	9004	SAN FERNAN	7047	4	KA	5450
	12	8	19	30	43.3386	1	7	28	2.505	-19	18	52.07	4	9005	TOKYO	7030	3	TJ	5467
	12	8	21	35	36.1605	1	10	4	52.019	-11	49	39.98	4	9006	NAIN TAL	5665	4	SS	5474
	12	8	21	35	48.1605	1	10	8	44.532	-12	22	47.67	4	9006	NAIN TAL	5665	7	SS	5475
	12	8	23	43	24.4732	1	7	33	53.793	-18	42	30.13	4	9006	NAIN TAL	5669	5	TJ	5476
	12	8	23	43	36.4741	1	7	43	24.439	-20	36	42.48	4	9006	NAIN TAL	5669	9	TJ	5477
	12	9	5	3	8.5798	1	1	10	54.971	3	10	42.19	4	9012	MAUI	8393	4	KA	5577
	12	9	5	3	14.5795	1	1	13	56.365	3	39	37.36	4	9012	MAUI	8393	7	KA	5578
	12	9	7	12	2.0521	1	22	20	0.122	14	48	33.26	4	9012	MAUI	8397	3	KA	5579
	12	9	7	12	18.0520	1	22	25	13.716	15	52	31.62	4	9012	MAUI	8397	7	KA	5580
	12	9	8	5	48.4559	1	10	36	39.564	6	17	14.53	4	9009	CURACAO	6498	3	WS	6006
	12	9	8	5	56.4557	1	10	41	56.557	5	40	56.16	4	9009	CURACAO	6498	4	WS	6530
	12	9	10	7	45.7162	1	9	38	45.574	-17	31	26.17	4	9001	ORGAN PASS	8492	5	FI	5523
	12	9	10	7	53.7147	1	9	41	20.464	-17	52	7.35	4	9001	ORGAN PASS	8492	7	SS	5524
	12	9	10	10	35.8967	10	7	45	10.740	-18	48	42.62	4	9010	JUPITER	8008	3	SS	5961
	12	9	10	10	43.8964	1	7	47	41.934	-19	18	43.54	4	9010	JUPITER	8008	4	SS	5962
	12	9	15	34	43.7849	1	22	55	56.544	3	58	54.91	4	9006	NAIN TAL	5680	3	LE	5478
	12	10	1	58	48.0740	1	1	8	1.237	-10	12	3.53	4	9001	ORGAN PASS	8498	3	FI	5525
	12	10	1	59	0.0792	1	1	13	20.721	- 9	24	14.72	4	9001	ORGAN PASS	8498	6	FI	5526
	12	10	4	6	53.9058	1	22	47	49.107	0	2	52.77	4	9001	ORGAN PASS	8503	3	FI	5527
	12	10	4	6	57.9060	1	22	49	2.490	0	13	54.32	4	9001	ORGAN PASS	8503	4	FI	5528
	12	10	14	32	17.2576	1	23	38	28.703	2	14	26.61	4	9006	NAIN TAL	5692	4	LE	5479
	12	10	14	32	21.2576	1	23	40	22.068	2	30	35.96	4	9006	NAIN TAL	5692	5	LE	5480
	12	11	1	0	19.7433	1	22	21	1.554	42	0	58.93	4	9009	CURACAO	6502	3	WS	6008
	12	11	3	5	3.2498	1	23	33	59.415	- 0	25	48.32	4	9001	ORGAN PASS	8518	3	FI	5529
	12	11	3	5	19.2477	1	23	41	8.058	0	31	31.92	4	9001	ORGAN PASS	8518	7	FI	5530
	12	11	23	56	56.1157	1	22	59	55.498	46	10	17.69	4	9009	CURACAO	6504	2	WS	6531
	12	11	23	57	12.1156	1	23	10	58.336	47	22	58.54	4	9009	CURACAO	6504	6	WS	6010
	12	13	5	12	2.0686	1	0	22	2.451	31	21	53.76	4	9012	MAUI	8411	3	BZ	5581
	12	13	5	12	10.0577	1	0	28	0.899	31	54	1.13	4	9012	MAUI	8411	7	BZ	5582
	12	13	7	21	58.9103	1	22	8	58.797	32	8	34.97	4	9012	MAUI	8414	4	PB	5945
	12	13	7	22	10.9101	1	22	13	5.380	32	57	56.20	4	9012	MAUI	8414	7	PB	5946
	12	13	9	24	27.9291	1	1	20	39.831	- 1	45	9.71	4	9005	TOKYO	7085	7	BZ	6100
	12	13	12	20	18.8942	1	10	24	59.327	-13	29	59.30	4	9012	MAUI	8416	4	PB	6532
	12	13	12	20	50.8932	1	10	33	15.802	-14	45	9.87	4	9012	MAUI	8416	8	PB	5947
	12	13	13	35	44.4422	1	1	23	42.999	15	47	51.94	4	9006	NAIN TAL	5719	12	PB	5755
	12	13	13	36	9.8014	1	1	38	50.589	17	10	4.76	4	9006	NAIN TAL	5719	17	PB	5756
	12	13	14	29	50.0300	1	8	16	44.609	-29	50	8.50	4	9012	MAUI	8418	6	KA	6533
	12	14	0	0	54.3356	1	0	43	46.415	17	23	54.03	4	9010	JUPITER	8047	4	SS	5963
	12	14	0	1	6.3365	1	0	51	53.241	18	13	13.46	4	9010	JUPITER	8047	7	TJ	5964
	12	14	2	10	29.0744	1	22	28	42.524	23	45	59.53	4	9010	JUPITER	8050	5	TJ	5965
	12	14	2	10	53.0793	1	22	37	53.344	25	17	54.55	4	9010	JUPITER	8050	8	KA	5966
	12	14	6	18	44.5600	1	22	17	47.084	36	17	36.91	4	9012	MAUI	8427	1	KA	5949

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	14	7	10	58.0318	1	10	13	55.821	-12	9	9.35	4	9009	CURACAO	6523 6	SS	6348
	12	14	13	28	3.6642	1	9	35	48.289	-30	17	38.70	4	9012	MAUI	8430 3	KA	5950
	12	14	13	28	15.6639	1	9	39	57.721	-30	49	13.59	4	9012	MAUI	8430 6	KA	5951
	12	14	14	38	41.9030	1	1	53	53.868	11	15	37.26	4	9008	SHIRAZ	10406 4	LE	5737
	12	14	14	41	13.4719	1	23	1	23.591	20	27	55.04	4	9006	NAIN TAL	5730 3	PB	5757
	12	14	14	41	29.4728	1	23	9	55.857	21	36	28.77	4	9006	NAIN TAL	5730 5	PB	5758
	12	14	18	50	15.6226	1	1	28	25.212	- 0	42	27.00	4	9004	SAN FERNAN	7103 2	FI	5553
	12	14	18	50	27.6225	1	1	34	38.996	- 0	0	21.99	4	9004	SAN FERNAN	7103 5	FI	5554
	12	14	23	3	25.9273	1	3	55	53.315	53	22	10.32	4	9009	CURACAO	6529 2	SS	6349
	12	14	23	3	33.9275	1	3	59	34.556	53	6	10.34	4	9009	CURACAO	6529 3	SS	6350
	12	15	1	5	37.9491	1	2	0	8.461	5	40	31.25	4	9001	ORGAN PASS	8541 3	SS	6149
	12	15	1	5	49.9547	1	2	6	8.770	6	20	2.97	4	9001	ORGAN PASS	8541 6	SS	6150
	12	15	1	10	24.6729	1	22	11	32.246	55	23	46.16	4	9009	CURACAO	6530 3	FI	6525
	12	15	1	10	40.6727	1	22	19	23.954	56	30	35.96	4	9009	CURACAO	6530 5	FI	5990
	12	15	3	13	47.2751	1	22	58	8.046	14	44	10.99	4	9001	ORGAN PASS	8545 3	KA	6147
	12	15	3	13	55.2752	1	23	2	2.243	15	14	16.17	4	9001	ORGAN PASS	8545 6	KA	6148
	12	15	5	16	48.8173	1	0	11	7.622	44	33	7.89	4	9012	MAUI	8434 2	KA	5952
	12	15	5	16	54.8172	1	0	16	31.177	44	52	43.54	4	9012	MAUI	8434 5	KA	5953
	12	15	7	26	55.4700	1	22	9	11.354	38	2	13.24	4	9012	MAUI	8438 2	KA	5954
	12	15	7	27	7.4698	1	22	13	33.724	38	50	10.42	4	9012	MAUI	8438 5	KA	6534
	12	15	13	39	2.1840	1	0	25	12.004	22	8	55.11	4	9006	NAIN TAL	5739 5	SE	6516
	12	15	13	39	6.1842	1	0	28	8.352	22	24	35.40	4	9006	NAIN TAL	5739 6	SE	6517
	12	15	14	33	36.8657	1	7	43	53.485	-34	43	50.50	4	9012	MAUI	8441 5	WS	5956
	12	16	0	5	1.7371	1	0	9	59.474	27	47	46.48	4	9010	JUPITER	8059 3	KA	6536
	12	16	0	5	17.7397	1	0	22	57.705	28	51	56.55	4	9010	JUPITER	8059 7	KA	5968
	12	16	0	7	31.7991	1	23	9	8.429	65	4	47.54	4	9009	CURACAO	6534 3	FI	5991
	12	16	0	7	43.7992	1	23	20	56.703	65	44	15.92	4	9009	CURACAO	6534 6	FI	6526
	12	16	2	15	54.7349	1	22	43	58.404	31	43	7.61	4	9010	JUPITER	8064 2	LE	5969
	12	16	2	16	26.7367	1	22	58	17.422	33	41	37.84	4	9010	JUPITER	8064 6	LE	6535
	12	16	6	23	47.0857	1	22	15	45.688	44	46	14.09	4	9012	MAUI	8446 2	WS	5957
	12	16	6	24	3.0852	1	22	25	10.545	46	6	19.89	4	9012	MAUI	8446 6	WS	5958
	12	16	10	33	55.1278	1	22	59	32.535	8	59	28.84	4	9005	TOKYO	7104 2	TJ	5469
	12	16	10	34	3.1276	1	23	3	38.227	9	26	39.68	4	9005	TOKYO	7104 3	TJ	7912
	12	16	13	31	35.5749	1	8	53	9.209	-36	42	21.46	4	9012	MAUI	8452 3	TJ	5959
	12	16	13	31	55.5747	1	8	59	55.793	-37	34	28.18	4	9012	MAUI	8452 8	TJ	5960
	12	16	14	46	50.2803	1	23	28	9.550	31	37	39.45	4	9006	NAIN TAL	5757 9	SE	5760
	12	16	14	46	58.2806	1	23	33	16.580	32	8	43.46	4	9006	NAIN TAL	5757 11	SE	5761
	12	16	23	5	56.4471	1	2	54	34.931	64	27	10.43	4	9009	CURACAO	6541 2	SS	6351
	12	16	23	6	0.4473	1	2	58	0.900	64	17	16.57	4	9009	CURACAO	6541 3	SS	6352
	12	17	1	14	57.3198	1	22	1	30.446	57	42	23.05	4	9009	CURACAO	6545 2	NG	6353
	12	17	1	15	5.3200	1	22	5	25.309	58	15	10.92	4	9009	CURACAO	6545 3	NG	6354
	12	17	2	16	6.7429	1	12	2	21.700	4	2	54.34	4	9002	OLIFANTS	10267 6	WS	5502
	12	17	8	22	41.5415	1	8	18	57.635	-37	41	30.47	4	9009	CURACAO	6549 2	SE	6355
	12	17	8	22	57.5416	1	8	24	38.132	-38	38	26.83	4	9009	CURACAO	6549 4	SE	6356
	12	17	13	43	12.2353	1	23	55	42.637	30	19	12.64	4	9006	NAIN TAL	5765 4	FI	5566

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	17	13	43	24.2358	1	0	5	46.908	31	5	13.69	4	9006	NAIN TAL	5765	7	SS	6300
	12	17	15	52	50.7212	1	22	27	27.059	25	43	47.77	4	9006	NAIN TAL	5768	2	WS	5762
	12	17	15	53	6.7216	1	22	33	28.601	26	32	40.51	4	9006	NAIN TAL	5768	4	WS	5763
	12	17	20	1	10.8179	1	23	56	57.755	14	13	10.78	4	9004	SAN FERNAN	7131	3	FI	6510
	12	17	20	1	14.8179	1	23	59	32.221	14	25	27.62	4	9004	SAN FERNAN	7131	4	FI	5556
	12	18	2	19	8.3086	1	22	10	21.492	29	51	26.81	4	9010	JUPITER	8080	3	LE	5971
	12	18	2	19	40.3101	1	22	22	54.402	31	42	16.27	4	9010	JUPITER	8080	7	LE	5972
	12	18	12	44	51.7956	1	3	55	33.850	26	41	33.84	4	9006	NAIN TAL	5774	2	BZ	5764
	12	18	12	45	15.7965	1	4	4	37.611	26	22	35.09	4	9006	NAIN TAL	5774	5	BZ	5765
	12	18	18	58	48.5078	1	1	9	29.493	12	7	5.28	4	9004	SAN FERNAN	7140	6	FI	5531
	12	18	21	7	27.6061	1	22	55	54.552	14	47	46.01	4	9004	SAN FERNAN	7147	4	KA	5452
	12	18	21	7	35.6062	1	22	59	32.154	15	7	0.21	4	9004	SAN FERNAN	7147	6	KA	5453
	12	18	23	9	1.1015	1	1	9	28.763	73	1	2.07	4	9009	CURACAO	6556	4	SE	6357
	12	18	23	9	9.1015	1	1	22	23.510	72	53	7.96	4	9009	CURACAO	6556	6	SE	6358
	12	19	2	16	16.4484	1	9	41	39.100	6	13	57.52	4	9002	OLIFANTS	10293	7	WS	5503
	12	19	2	16	24.4486	1	9	45	1.608	5	49	25.86	4	9002	OLIFANTS	10293	8	WS	5504
	12	19	5	26	3.1943	1	23	39	47.897	60	27	49.77	4	9012	MAUI	8462	4	WS	5776
	12	19	5	26	7.1943	1	23	44	47.030	60	39	20.89	4	9012	MAUI	8462	6	WS	5777
	12	19	8	26	23.2759	1	7	40	34.369	-42	5	53.74	4	9009	CURACAO	6564	2	SE	7104
	12	19	8	26	39.2764	1	7	45	27.197	-42	59	59.22	4	9009	CURACAO	6564	4	SE	6360
	12	19	8	30	44.9877	1	9	43	59.325	-10	16	59.89	4	9007	AREQUIPA	7821	4	BZ	6151
	12	19	8	31	16.9869	1	9	58	50.406	-12	24	58.08	4	9007	AREQUIPA	7821	8	BZ	6152
	12	19	11	47	9.1787	1	23	21	13.369	18	37	15.33	4	9005	TOKYO	7136	3	SS	6155
	12	19	11	47	57.1829	1	23	44	16.292	20	8	41.45	4	9005	TOKYO	7136	6	SS	7098
	12	19	13	47	57.2450	1	23	57	3.740	38	16	1.84	4	9006	NAIN TAL	5787	3	BZ	6518
	12	19	15	57	30.7998	1	22	33	38.346	27	25	32.03	4	9006	NAIN TAL	5790	3	BZ	5767
	12	19	15	57	38.8002	1	22	36	49.191	27	46	53.16	4	9006	NAIN TAL	5790	4	BZ	5768
	12	19	20	5	8.0328	1	23	31	30.632	16	45	36.64	4	9004	SAN FERNAN	7157	2	KA	5454
	12	19	20	5	28.0328	1	23	45	1.428	17	41	58.73	4	9004	SAN FERNAN	7157	7	KA	5455
	12	20	2	23	54.9246	1	22	18	14.249	31	55	12.70	4	9010	JUPITER	8105	2	LE	5973
	12	20	6	33	0.8505	1	22	1	5.410	51	15	21.30	4	9012	MAUI	8469	5	LE	6198
	12	20	6	33	12.8502	1	22	8	39.144	52	11	38.80	4	9012	MAUI	8469	8	LE	6199
	12	20	14	55	15.7358	1	22	56	29.742	35	35	55.30	4	9006	NAIN TAL	5798	3	WS	5769
	12	20	14	55	23.7360	1	23	1	46.729	36	4	16.54	4	9006	NAIN TAL	5798	5	WS	6519
	12	20	17	55	32.8426	1	10	3	36.937	14	19	56.97	4	9003	WOOMERA	11957	2	BZ	5510
	12	20	21	12	21.5497	1	23	9	55.620	16	34	23.48	4	9004	SAN FERNAN	7167	2	FI	6512
	12	20	21	12	29.5498	1	23	13	52.121	16	49	6.52	4	9004	SAN FERNAN	7167	4	FI	5565
	12	21	5	30	33.4519	1	23	20	9.943	64	3	7.37	4	9012	MAUI	8479	2	LE	6200
	12	21	5	30	41.4470	1	23	31	17.097	64	27	26.77	4	9012	MAUI	8479	6	LE	7103
	12	21	13	53	37.6013	10	1	3	36.447	44	21	59.76	4	9006	NAIN TAL	5807	3	WS	5771
	12	21	13	54	9.6044	10	1	36	54.232	44	16	29.10	4	9006	NAIN TAL	5807	5	WS	7101
	12	21	16	2	33.9080	1	22	53	48.574	27	59	30.05	4	9006	NAIN TAL	5812	3	FI	5982
	12	21	16	2	57.9088	1	23	4	34.519	28	48	7.92	4	9006	NAIN TAL	5812	6	FI	6521
	12	21	16	52	45.0108	1	10	35	20.197	13	13	40.15	4	9003	WOOMERA	11977	2	BZ	5511
	12	21	16	52	57.0106	1	10	38	54.188	12	45	41.87	4	9003	WOOMERA	11977	5	BZ	5512

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	21	20	10	8.2066	1	23	51	49.879	19	45	51.55	4	9004	SAN FERNAN	7178 3	FI	6097
	12	21	20	10	16.2066	1	23	57	42.954	20	1	25.06	4	9004	SAN FERNAN	7178 5	FI	5563
	12	22	0	22	4.7336	1	23	26	42.461	73	49	22.80	4	9009	CURACAO	6579 2	FI	5988
	12	22	0	22	28.7335	1	0	3	53.886	74	38	11.15	4	9009	CURACAO	6579 5	FI	5989
	12	22	8	39	34.4966	1	2	13	40.084	18	12	52.33	4	9005	TOKYO	7164 7	BZ	6157
	12	22	10	48	11.4696	1	23	16	30.989	19	51	23.93	4	9005	TOKYO	7173 2	LE	6158
	12	22	10	48	27.4699	1	23	26	56.421	20	23	17.08	4	9005	TOKYO	7173 4	SS	6159
	12	22	14	58	46.3571	1	22	21	8.337	32	6	10.68	4	9006	NAIN TAL	5823 4	FI	5984
	12	22	18	0	5.0177	1	9	53	41.314	4	18	24.74	4	9003	WCOMERA	11999 2	BZ	5513
	12	22	18	0	21.0176	1	9	59	48.322	3	38	46.63	4	9003	WCOMERA	11999 5	NG	5514
	12	22	23	20	18.3745	1	4	19	20.335	71	36	38.31	4	9009	CURACAO	6586 2	FI	6524
	12	22	23	20	50.3731	1	4	42	37.007	68	54	18.13	4	9009	CURACAO	6586 6	FI	5987
	12	23	0	5	56.0610	1	8	4	43.891	20	27	33.08	4	9002	OLIFANTS	10352 5	WS	5506
	12	23	1	22	46.7739	1	1	31	38.187	32	44	56.58	4	9001	ORGAN PASS	8592 3	KA	6145
	12	23	1	22	58.7795	1	1	43	31.579	32	36	1.61	4	9001	ORGAN PASS	8592 9	KA	7096
	12	23	1	25	40.3882	1	22	21	50.547	39	44	55.22	4	9010	JUPITER	8121 3	SE	5974
	12	23	1	25	48.3892	1	22	27	11.800	40	15	20.03	4	9010	JUPITER	8121 5	SE	5975
	12	23	3	31	47.0823	1	22	46	0.512	24	57	17.49	4	9001	ORGAN PASS	8599 4	KA	6143
	12	23	3	31	59.0810	1	22	52	56.128	25	24	21.67	4	9001	ORGAN PASS	8599 7	KA	6144
	12	23	5	35	29.5567	1	23	43	39.707	66	36	55.73	4	9012	MAUI	8482 3	SE	6202
	12	23	5	35	35.5567	1	23	53	8.762	66	48	41.83	4	9012	MAUI	8482 6	SE	6203
	12	23	6	30	2.3247	1	10	19	40.091	8	7	51.27	4	9011	VILLA DOLO	7742 3	KA	6182
	12	23	6	30	26.3247	1	10	27	26.264	7	13	11.64	4	9011	VILLA DOLO	7742 6	KA	6183
	12	23	13	57	36.0258	1	0	26	16.126	44	45	12.10	4	9006	NAIN TAL	5837 3	FI	5985
	12	23	16	3	12.1892	1	23	35	43.317	40	54	9.46	4	9008	SHIRAZ	10474 5	LE	5739
	12	23	16	3	28.1896	1	23	51	38.328	41	30	24.29	4	9008	SHIRAZ	10474 9	LE	5740
	12	24	0	24	17.7020	1	0	48	44.848	52	55	23.25	4	9010	JUPITER	8131 3	SS	6190
	12	24	0	24	33.7004	1	1	9	34.649	52	44	45.41	4	9010	JUPITER	8131 7	LE	7102
	12	24	2	29	45.7179	1	23	49	13.504	32	41	37.39	4	9001	ORGAN PASS	8613 3	TJ	6141
	12	24	2	30	9.7153	1	0	12	35.145	33	17	54.52	4	9001	ORGAN PASS	8613 9	TJ	6142
	12	24	2	33	44.6651	1	22	54	53.141	30	16	49.32	4	9010	JUPITER	8136 7	KA	6192
	12	24	2	34	0.6667	1	23	2	40.185	30	42	41.68	4	9010	JUPITER	8136 9	KA	6193
	12	24	6	42	27.0939	1	22	19	55.773	51	20	33.08	4	9012	MAUI	8498 3	SE	6204
	12	24	6	42	47.0656	1	22	34	22.146	52	33	39.57	4	9012	MAUI	8498 8	SE	6205
	12	24	8	43	11.8531	1	1	34	29.023	20	40	33.46	4	9005	TOKYO	7199 2	BZ	6160
	12	24	8	43	45.3617	1	2	3	42.922	20	26	22.86	4	9005	TOKYO	7199 9	BZ	6161
	12	24	15	4	39.4510	1	23	18	57.366	33	13	53.18	4	9006	NAIN TAL	5852 4	FI	6523
	12	24	15	53	4.0193	1	10	27	11.597	7	9	10.07	4	9003	WCOMERA	12007 4	NG	5515
	12	25	9	50	33.1302	1	0	28	44.855	21	25	26.17	4	9005	TOKYO	7219 2	KA	6162
	12	25	9	50	57.1304	1	0	51	16.289	21	24	21.65	4	9005	TOKYO	7219 8	KA	6163
	12	25	12	1	7.3277	1	23	57	38.058	10	24	23.96	4	9005	TOKYO	7227 4	KA	7099
	12	25	14	2	23.0504	1	0	42	10.745	42	26	40.46	4	9006	NAIN TAL	5864 6	FI	5986
	12	25	16	6	22.5446	1	22	24	26.254	34	29	18.80	4	9008	SHIRAZ	10484 5	KA	5741
	12	25	16	6	30.5447	1	22	30	49.754	34	54	54.78	4	9008	SHIRAZ	10484 9	KA	5742
	12	25	17	0	54.8331	1	10	11	35.498	- 2	57	28.16	4	9003	WCOMERA	12027 2	NG	5516

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	25	17	1	10.8330	1	10	17	17.023	- 3	31	44.49	4	9003	WOOMERA	12027	6	NG	5517
	12	26	5	30	20.8493	1	10	17	37.587	2	15	32.82	4	9011	VILLA DOLO	7770	3	KA	6184
	12	26	5	30	28.8491	1	10	19	55.018	1	59	42.26	4	9011	VILLA DOLO	7770	4	KA	6185
	12	26	6	47	24.9550	1	22	46	40.607	48	43	47.53	4	9012	MAUI	8512	4	SE	6206
	12	26	6	47	56.9544	1	23	11	44.655	50	4	7.43	4	9012	MAUI	8512	12	SE	6207
	12	26	7	39	26.9620	1	9	16	0.643	-37	54	42.06	4	9007	AREQUIPA	7846	3	BZ	6153
	12	26	7	40	6.9607	1	9	35	45.203	-39	39	20.55	4	9007	AREQUIPA	7846	8	BZ	7097
	12	26	7	41	29.3818	1	9	17	4.346	-11	1	42.30	4	9011	VILLA DOLO	7776	5	WS	6186
	12	26	7	41	45.3818	1	9	23	34.515	-11	39	39.15	4	9011	VILLA DOLO	7776	7	WS	6187
	12	26	10	57	30.5354	1	23	37	26.205	13	29	48.15	4	9005	TOKYO	7239	7	KA	6165
	12	26	10	58	6.5361	1	0	1	30.738	13	20	19.30	4	9005	TOKYO	7239	16	KA	6166
	12	26	12	59	47.7090	1	2	38	44.660	41	59	48.69	4	9006	NAIN TAL	5872	4	KA	6538
	12	26	12	59	59.7094	1	2	50	5.968	40	57	2.94	4	9006	NAIN TAL	5872	7	KA	5773
	12	26	15	8	47.2032	1	23	9	33.693	27	13	27.51	4	9006	NAIN TAL	5883	4	KA	5774
	12	26	15	8	59.2035	1	23	17	30.458	27	24	4.48	4	9006	NAIN TAL	5883	7	KA	6539
	12	26	15	57	56.1821	1	10	34	51.167	- 1	38	25.34	4	9003	WOOMERA	12034	1	NG	5518
	12	26	15	58	28.1811	1	10	43	58.630	- 2	35	48.59	4	9003	WOOMERA	12034	5	NG	5519
	12	26	18	7	51.0171	1	9	10	24.718	-13	8	34.76	4	9003	WOOMERA	12039	3	FI	5532
	12	26	18	8	15.0166	1	9	20	13.000	-14	6	37.29	4	9003	WOOMERA	12039	9	FI	5533
	12	27	0	12	22.9539	1	6	53	10.951	5	27	13.16	4	9002	OLIFANTS	10373	8	BZ	5507
	12	27	1	32	8.4295	1	1	49	8.757	31	54	58.04	4	9001	ORGAN PASS	8622	3	WS	6139
	12	27	1	32	28.4233	1	2	9	34.980	30	45	28.54	4	9001	ORGAN PASS	8622	8	WS	6140
	12	27	3	42	0.2290	1	23	42	11.389	16	55	15.43	4	9001	ORGAN PASS	8627	7	TJ	6138
	12	27	5	45	24.4226	1	0	48	47.263	63	17	53.22	4	9012	MAUI	8518	3	SE	5978
	12	27	5	45	32.4225	1	1	1	14.187	63	8	3.89	4	9012	MAUI	8518	7	WS	7913
	12	27	6	37	51.3820	.1	9	49	8.636	- 8	5	49.65	4	9011	VILLA DOLO	7784	3	SS	6188
	12	27	6	37	59.3820	1	9	52	10.013	- 8	22	18.96	4	9011	VILLA DOLO	7784	4	WS	7100
	12	27	8	47	17.4805	1	7	58	37.158	-45	26	53.52	4	9007	AREQUIPA	7865	3	FI	6520
	12	27	8	47	57.4817	1	8	15	23.105	-47	51	21.29	4	9007	AREQUIPA	7865	8	FI	5981
	12	27	16	12	50.4623	1	0	10	51.431	31	51	54.54	4	9008	SHIRAZ	10495	4	KA	6514
	12	27	16	13	2.4620	1	0	22	28.239	31	44	50.25	4	9008	SHIRAZ	10495	7	BZ	5744
	12	28	5	34	49.9016	1	10	20	7.628	- 6	7	4.13	4	9011	VILLA DOLO	7800	3	SE	6196
	12	28	5	35	13.9013	1	10	27	39.853	- 6	47	31.46	4	9011	VILLA DOLO	7800	6	SS	6197
	12	28	6	51	37.0934	1	22	41	14.951	41	31	11.32	4	9012	MAUI	8532	3	KA	5778
	12	28	6	51	49.0930	1	22	49	20.262	41	52	44.19	4	9012	MAUI	8532	6	KA	5779
	12	28	7	45	33.0794	1	9	3	45.479	-18	54	54.51	4	9011	VILLA DOLO	7805	3	WS	6515
	12	28	7	45	49.0791	1	9	10	27.616	-19	31	8.94	4	9011	VILLA DOLO	7805	5	WS	5750
	12	28	17	19	45.6962	1	23	31	16.064	15	38	44.21	4	9008	SHIRAZ	10512	6	BZ	5745
	12	28	17	20	5.6996	1	23	42	37.927	15	18	35.79	4	9008	SHIRAZ	10512	11	BZ	5746
	12	28	23	33	41.7181	1	4	37	51.735	27	21	4.87	4	9010	JUPITER	8156	6	KA	6194
	12	28	23	33	57.7188	1	4	43	29.564	25	59	50.58	4	9010	JUPITER	8156	8	KA	6195
	12	29	1	36	53.5328	1	1	54	45.462	25	23	39.94	4	9001	ORGAN PASS	8634	3	WS	6136
	12	29	1	37	1.5330	1	2	2	46.501	24	50	41.17	4	9001	ORGAN PASS	8634	7	WS	6137
	12	29	3	46	31.7435	1	23	46	58.635	8	49	53.80	4	9001	ORGAN PASS	8642	2	FI	5558
	12	29	6	42	6.8478	1	9	44	38.966	-16	45	8.40	4	9011	VILLA DOLO	7819	3	NG	5751

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	29	6	42	30.8477	1	9	54	31.152	-17	26	52.77	4	9011	VILLA DOLO	7819 6	NG	5752
	12	29	23	12	19.9958	1	7	0	0.223	0	8	36.64	4	9002	OLIFANTS	10393 3	BZ	5508
	12	29	23	12	51.9967	1	7	9	40.287	- 1	15	21.12	4	9002	OLIFANTS	10393 7	BZ	5509
	12	30	0	41	1.9815	1	0	17	9.956	60	15	15.79	4	9009	CURACAO	6618 2	SE	7914
	12	30	0	41	9.9821	1	0	26	10.419	60	15	0.99	4	9009	CURACAO	6618 4	SE	6362
	12	30	2	44	12.2032	1	0	32	18.944	12	3	0.75	4	9001	ORGAN PASS	8652 2	FI	6095
	12	30	2	44	18.2061	1	0	37	27.269	11	48	2.50	4	9001	ORGAN PASS	8652 5	FI	6096
	12	30	4	49	11.9786	1	4	39	10.178	43	53	3.23	4	9012	MAUI	8546 4	SE	5976
	12	30	4	49	23.9785	1	4	44	21.185	42	23	1.05	4	9012	MAUI	8546 7	SE	5977
	12	30	15	54	49.7104	1	6	51	25.871	6	5	22.65	4	9003	WOOMERA	12093 4	FI	5534
	12	30	15	55	5.7102	1	6	55	56.438	5	29	2.49	4	9003	WOOMERA	12093 6	FI	6093
	12	30	17	25	4.4269	1	0	0	30.544	5	1	16.09	4	9008	SHIRAZ	10523 4	WS	5747
	12	30	17	25	16.4302	1	0	6	57.601	4	32	29.36	4	9008	SHIRAZ	10523 7	WS	5748
	12	30	23	39	14.2055	1	3	55	9.073	62	32	42.53	4	9009	CURACAO	6627 3	FI	5992
	12	30	23	39	18.2057	1	3	58	33.996	62	4	52.04	4	9009	CURACAO	6627 4	FI	5993
	12	31	1	42	14.3284	1	2	25	2.502	12	27	52.72	4	9001	ORGAN PASS	8662 4	FI	5560
	12	31	1	42	18.3284	1	2	28	20.643	12	10	38.59	4	9001	ORGAN PASS	8662 6	FI	6511
	12	31	6	44	32.6983	1	8	56	59.876	-21	11	17.55	4	9011	VILLA DOLO	7841 3	NG	5753
	12	31	6	45	4.8576	1	9	10	15.836	-22	9	46.96	4	9011	VILLA DOLO	7841 7	NG	5754
	12	31	12	16	7.7792	1	0	47	46.638	-13	32	56.68	4	9005	TOKYO	7262 2	LE	6167
	12	31	12	16	39.7803	1	1	0	45.940	-14	55	31.77	4	9005	TOKYO	7262 4	LE	6168

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	1	19	53	55.9179	1	0	44	29.682	-16	13	21.27	4	9003	WOOMERA	10049 3	GL	1806
	7	1	19	54	23.2409	1	0	52	52.185	-16	59	34.69	4	9003	WOOMERA	10049 10	GL	1807
	7	1	21	13	4.3314	3	15	36	2.953	6	9	11.30	4	9004	SAN FERNAN	5796 7	PL	1860
	7	1	21	13	6.3314	3	15	40	34.111	6	6	55.03	4	9004	SAN FERNAN	5796 8	PL	1861
	7	2	19	40	44.0288	1	0	39	0.339	-17	15	46.06	4	9003	WOOMERA	10054 4	GL	1808
	7	2	19	40	55.7482	1	0	42	39.875	-17	35	31.29	4	9003	WOOMERA	10054 7	GL	1809
	7	4	1	42	18.2151	1	21	0	22.636	10	54	51.99	4	9002	OLIFANTS	8134 8	MW	1498
	7	4	1	42	26.2154	1	21	2	55.919	10	30	27.89	4	9002	OLIFANTS	8134 9	MW	1499
	7	4	7	39	50.7924	1	10	40	21.330	79	43	15.54	4	9012	MAUI	6905 3	DM	2634
	7	4	7	40	0.7926	1	11	16	4.985	82	18	20.95	4	9012	MAUI	6905 8	DM	2635
	7	4	19	16	5.8234	1	1	2	7.050	-21	39	20.64	4	9003	WOOMERA	10067 2	GL	1810
	7	4	19	16	37.8230	1	1	12	17.994	-22	16	34.98	4	9003	WOOMERA	10067 10	GL	1811
	7	5	1	31	19.3489	1	21	29	49.419	3	41	19.15	4	9002	OLIFANTS	8143 7	MW	1500
	7	5	1	31	27.3489	1	21	32	34.536	3	14	41.41	4	9002	OLIFANTS	8143 9	MW	1501
	7	5	10	19	52.0581	1	21	16	14.346	-10	35	58.23	4	9011	VILLA DOLO	6067 3	BA	3729
	7	5	10	20	56.0572	1	21	30	39.906	-12	49	52.26	4	9011	VILLA DOLO	6067 7	BA	3730
	7	5	19	3	48.1059	1	1	14	37.806	-23	21	57.67	4	9003	WOOMERA	10074 4	GL	1812
	7	5	19	4	12.1056	1	1	22	13.277	-23	43	42.21	4	9003	WOOMERA	10074 10	GL	1813
	7	6	1	20	9.7505	1	21	59	34.146	- 3	28	35.71	4	9002	OLIFANTS	8152 4	BN	1502
	7	6	1	20	41.7502	1	22	11	17.141	- 5	15	42.08	4	9002	OLIFANTS	8152 8	BN	1503
	7	6	7	16	4.5685	1	19	17	31.139	83	23	40.97	4	9012	MAUI	6922 6	VD	1870
	7	6	7	16	32.0018	1	20	20	21.183	74	21	59.35	4	9012	MAUI	6922 15	VD	1871
	7	6	10	12	45.3549	1	22	42	29.120	-24	9	58.07	4	9011	VILLA DOLO	6076 2	LT	1824
	7	6	10	13	25.3542	1	22	55	9.970	-25	28	55.68	4	9011	VILLA DOLO	6076 7	LT	1825
	7	7	1	8	56.6944	1	22	31	40.228	-10	26	38.50	4	9002	OLIFANTS	8160 8	BN	1504
	7	7	1	9	20.6942	1	22	40	51.160	-11	40	49.09	4	9002	OLIFANTS	8160 11	BN	1505
	7	8	0	57	42.5304	1	23	6	14.771	-16	44	31.34	4	9002	OLIFANTS	8168 7	BN	1506
	7	8	0	58	14.5298	1	23	18	38.688	-18	5	11.15	4	9002	OLIFANTS	8168 11	BN	1507
	7	8	6	51	56.0658	1	20	15	14.415	73	58	52.58	4	9012	MAUI	6941 4	DM	2632
	7	8	6	52	0.0659	1	20	18	25.769	72	30	16.55	4	9012	MAUI	6941 6	DM	2633
	7	8	7	33	31.3205	3	1	47	47.156	-38	24	20.57	4	9007	AREQUIPA	6460 6	PL	2628
	7	8	7	33	47.3201	3	1	52	10.786	-38	20	43.97	4	9007	AREQUIPA	6460 7	PL	2629
	7	9	0	46	19.1969	1	23	38	48.787	-21	35	11.73	4	9002	OLIFANTS	8177 5	RO	1494
	7	9	0	46	51.1972	1	23	50	59.442	-22	34	48.47	4	9002	OLIFANTS	8177 9	RO	1495
	7	9	9	41	13.8763	3	1	29	23.369	-34	57	22.06	4	9011	VILLA DOLO	6084 3	MW	1856
	7	9	9	41	29.8760	3	1	35	41.356	-34	54	51.28	4	9011	VILLA DOLO	6084 5	MW	1857
	7	9	20	32	2.6382	1	1	44	22.969	-37	0	33.90	4	9003	WOOMERA	10106 2	GL	1814
	7	9	20	32	22.6378	1	1	52	21.664	-36	51	18.02	4	9003	WOOMERA	10106 7	GL	1815
	7	10	0	34	50.8152	1	0	9	32.807	-25	4	37.38	4	9002	OLIFANTS	8187 3	VD	1508
	7	10	0	35	38.8156	1	0	26	47.823	-26	0	50.44	4	9002	OLIFANTS	8187 6	VD	1509
	7	10	2	44	21.7976	1	20	10	37.710	-21	24	16.48	4	9002	OLIFANTS	8189 4	VD	1510
	7	10	2	45	9.7978	1	20	24	51.661	-23	48	9.40	4	9002	OLIFANTS	8189 10	VD	2625
	7	10	9	29	11.3737	1	1	53	2.116	-34	35	42.10	4	9011	VILLA DOLO	6094 2	LT	1826
	7	10	9	29	51.3730	1	2	7	55.208	-34	10	51.10	4	9011	VILLA DOLO	6094 7	LT	1827
	7	10	20	19	55.0866	1	2	6	35.555	-36	11	58.86	4	9003	WOOMERA	10114 5	DM	2626

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	10	20	20	19.0864	1	2	15	39.908	-35	51	9.88	4	9003	WOOMERA	10114	11	DM	1816
	7	11	0	23	8.3318	1	0	34	8.251	-27	12	44.33	4	9002	OLIFANTS	8198	3	VD	1512
	7	11	0	23	32.3319	1	0	42	21.052	-27	29	55.15	4	9002	OLIFANTS	8198	6	VD	1513
	7	11	2	32	47.9427	1	20	25	24.836	-26	37	7.37	4	9002	OLIFANTS	8200	4	VD	1514
	7	11	2	33	11.9428	1	20	33	34.229	-27	51	36.86	4	9002	OLIFANTS	8200	7	VD	1515
	7	11	6	14	59.6250	1	19	38	6.355	75	14	45.55	4	9012	MAUI	6958	4	HC	1846
	7	11	6	15	3.6251	1	19	43	18.113	73	35	27.87	4	9012	MAUI	6958	6	HC	1847
	7	11	9	16	46.2111	3	2	6	54.113	-33	55	14.53	4	9011	VILLA DOLO	6101	3	VD	1855
	7	11	9	17	18.2107	3	2	18	17.813	-33	26	58.01	4	9011	VILLA DOLO	6101	7	VD	5914
	7	11	20	7	44.0752	1	2	25	46.986	-34	52	57.19	4	9003	WOOMERA	10123	5	BA	3002
	7	11	20	8	12.0748	1	2	35	37.374	-34	19	45.73	4	9003	WOOMERA	10123	12	BA	3003
	7	12	0	11	18.5427	1	0	54	48.973	-28	27	21.39	4	9002	OLIFANTS	8208	5	DM	1419
	7	12	0	11	34.5428	1	0	59	55.853	-28	32	19.23	4	9002	OLIFANTS	8208	7	DM	1420
	7	12	2	21	8.1771	1	20	42	48.196	-31	41	26.65	4	9002	OLIFANTS	8210	3	GL	1798
	7	12	2	21	48.1775	1	20	58	52.797	-33	43	53.84	4	9002	OLIFANTS	8210	8	GL	1799
	7	12	9	3	52.3086	3	2	9	37.429	-33	24	28.92	4	9011	VILLA DOLO	6111	3	PL	3467
	7	12	9	4	56.3076	3	2	31	26.310	-32	15	11.06	4	9011	VILLA DOLO	6111	11	PL	3468
	7	13	2	9	24.7514	1	21	4	7.918	-36	32	38.24	4	9002	OLIFANTS	8219	8	VD	1410
	7	13	2	9	56.7520	1	21	19	7.123	-38	4	14.48	4	9002	OLIFANTS	8219	12	VD	1411
	7	13	8	52	11.1829	3	2	35	52.343	-31	17	9.91	4	9011	VILLA DOLO	6125	5	HC	2630
	7	13	8	52	27.1822	3	2	40	49.851	-30	56	8.46	4	9011	VILLA DOLO	6125	6	HC	1854
	7	13	19	42	37.2852	1	2	43	55.714	-32	10	58.85	4	9003	WOOMERA	10131	2	BA	3403
	7	13	19	42	53.2850	1	2	48	57.395	-31	46	40.42	4	9003	WOOMERA	10131	6	BA	3404
	7	14	1	57	46.0278	1	21	34	24.098	-41	16	29.94	4	9002	OLIFANTS	8229	4	VD	1412
	7	14	1	58	10.0281	1	21	47	28.947	-42	13	37.63	4	9002	OLIFANTS	8229	7	VD	1413
	7	15	1	45	45.2808	1	21	59	10.980	-44	30	7.50	4	9002	OLIFANTS	8235	6	GL	1800
	7	15	1	46	33.2811	1	22	28	39.620	-45	49	8.53	4	9002	OLIFANTS	8235	12	GL	1801
	7	15	3	18	1.7840	1	12	50	35.598	-27	22	1.16	4	9001	ORGAN PASS	7070	4	DM	1425
	7	15	3	18	5.7830	1	12	55	56.597	-28	4	42.04	4	9001	ORGAN PASS	7070	6	DM	1426
	7	16	8	13	45.1304	3	2	41	49.463	-27	59	47.75	4	9011	VILLA DOLO	6147	3	DM	1858
	7	16	8	13	53.1303	3	2	44	1.604	-27	46	49.50	4	9011	VILLA DOLO	6147	4	DM	1859
	7	16	10	20	13.8381	3	21	42	54.725	-52	57	43.90	4	9007	AREQUIPA	6539	3	DM	1819
	7	16	10	20	29.8383	3	21	50	6.475	-53	23	53.41	4	9007	AREQUIPA	6539	5	DM	1820
	7	17	1	22	48.2550	1	23	45	27.291	-48	23	55.68	4	9002	OLIFANTS	8264	8	HC	1480
	7	17	1	22	56.2549	1	23	50	34.850	-48	18	33.50	4	9002	OLIFANTS	8264	9	HC	1481
	7	17	10	12	28.9804	3	23	52	36.793	-29	51	20.01	4	9011	VILLA DOLO	6166	9	VD	2631
	7	18	1	10	19.6926	1	0	1	48.476	-48	32	10.80	4	9002	OLIFANTS	8274	14	DM	1418
	7	18	1	10	23.6928	1	0	4	21.392	-48	27	17.88	4	9002	OLIFANTS	8274	15	DM	2624
	7	18	10	6	13.6002	3	2	24	2.756	-19	43	5.18	4	9011	VILLA DOLO	6182	5	HC	1863
	7	18	10	6	29.6003	3	2	29	5.730	-19	11	36.69	4	9011	VILLA DOLO	6182	7	HC	1864
	7	19	6	52	24.4878	1	12	8	47.214	-22	10	30.80	4	9012	MAUI	7077	5	DM	1848
	7	19	6	52	30.4877	1	12	14	31.128	-23	34	39.67	4	9012	MAUI	7077	8	DM	1849
	7	19	9	52	43.7307	3	2	12	5.782	-19	5	35.37	4	9011	VILLA DOLO	6200	3	VD	1865
	7	19	9	52	45.3796	3	3	15	34.581	-42	6	47.09	4	9007	AREQUIPA	6566	3	LT	1821
	7	19	9	52	53.3793	3	3	17	59.806	-41	44	30.81	4	9007	AREQUIPA	6566	4	LT	1822

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	19	9	53	23.7300	3	2	24	48.202	-17	44	48.19	4	9011	VILLA DOLO	6200	8	VD	1866
	7	19	18	25	22.9535	3	2	44	34.156	-24	36	44.91	4	9003	WOOMERA	10177	4	BA	4106
	7	19	18	25	54.9533	3	2	52	31.778	-23	32	47.34	4	9003	WOOMERA	10177	8	BA	3405
	7	19	20	39	43.9187	3	0	59	22.349	-23	2	25.39	4	9003	WOOMERA	10182	4	BA	3004
	7	19	20	39	55.9186	3	1	3	56.949	-22	43	0.93	4	9003	WOOMERA	10182	7	BA	3005
	7	20	7	23	23.4830	3	2	53	2.527	-21	8	38.97	4	9011	VILLA DOLO	6210	3	VD	1867
	7	21	2	45	12.9231	1	20	52	17.850	-38	53	4.92	4	9002	OLIFANTS	8327	15	DM	1482
	7	21	2	45	24.9231	1	20	58	2.011	-39	12	50.37	4	9002	OLIFANTS	8327	18	DM	1483
	7	21	9	28	0.5420	3	3	30	46.642	-35	35	30.22	4	9007	AREQUIPA	6591	3	LT	1823
	7	21	9	28	16.5416	3	3	34	45.127	-34	48	11.91	4	9007	AREQUIPA	6591	4	LT	5913
	7	22	2	32	58.4491	1	21	1	57.959	-39	54	12.56	4	9002	OLIFANTS	8343	5	VD	1490
	7	22	2	33	22.4494	1	21	14	47.392	-40	27	4.69	4	9002	OLIFANTS	8343	8	VD	1491
	7	22	9	14	53.4092	3	2	23	26.468	-11	30	38.43	4	9011	VILLA DOLO	6226	5	DM	1868
	7	22	9	15	17.4088	3	2	30	18.450	-10	38	47.26	4	9011	VILLA DOLO	6226	8	DM	1869
	7	23	0	11	6.7253	1	2	16	14.185	-33	54	0.33	4	9002	OLIFANTS	8351	6	HC	1484
	7	23	0	11	14.7257	1	2	18	20.005	-33	31	6.68	4	9002	OLIFANTS	8351	7	HC	1485
	7	23	9	2	24.3282	3	2	27	48.364	- 8	35	56.44	4	9011	VILLA DOLO	6240	5	PL	1852
	7	23	9	2	32.3280	3	2	30	0.924	- 8	18	43.27	4	9011	VILLA DOLO	6240	6	PL	1853
	7	23	19	53	13.4826	3	2	32	57.731	- 4	44	26.02	4	9003	WOOMERA	10226	3	BA	3006
	7	23	19	53	45.4819	3	2	41	26.463	- 3	36	18.50	4	9003	WOOMERA	10226	7	BA	3007
	7	24	2	9	7.1380	1	21	50	51.660	-41	27	39.22	4	9002	OLIFANTS	8371	5	DM	1423
	7	24	2	9	31.1390	1	22	6	38.956	-41	30	29.45	4	9002	OLIFANTS	8371	8	DM	1424
	7	24	8	49	21.9937	3	2	22	15.954	- 6	52	17.39	4	9011	VILLA DOLO	6251	3	PL	1850
	7	24	8	49	53.9935	3	2	30	57.620	- 5	43	39.93	4	9011	VILLA DOLO	6251	7	PL	1851
	7	24	17	22	22.5206	3	2	47	26.258	-14	43	32.63	4	9003	WOOMERA	10237	5	BA	3131
	7	24	17	22	54.5178	3	2	53	31.498	-13	40	13.67	4	9003	WOOMERA	10237	7	BA	3132
	7	24	19	40	6.9111	3	2	26	11.320	- 3	3	12.55	4	9003	WOOMERA	10243	3	BA	3133
	7	24	19	40	54.9100	3	2	38	51.478	- 1	21	37.57	4	9003	WOOMERA	10243	9	BA	3134
	7	25	17	7	27.8114	3	2	16	39.246	-17	48	41.34	4	9003	WOOMERA	10251	2	BA	3135
	7	25	17	8	15.8105	3	2	27	41.377	-15	57	21.22	4	9003	WOOMERA	10251	8	BA	3136
	7	26	1	46	16.2326	1	23	33	48.376	-37	27	18.84	4	9002	OLIFANTS	8396	6	PL	3466
	7	26	1	47	24.6852	1	0	15	59.492	-34	16	34.42	4	9002	OLIFANTS	8396	15	PL	2623
	7	28	1	22	56.5500	1	0	47	11.584	-27	19	6.32	4	9002	OLIFANTS	8423	7	HC	1486
	7	28	1	23	12.5507	1	0	55	7.319	-26	17	17.17	4	9002	OLIFANTS	8423	9	HC	1487
	7	30	0	59	40.8690	1	1	39	0.557	-14	28	3.79	4	9002	OLIFANTS	8456	6	VD	1488
	7	30	0	59	56.8688	1	1	44	33.315	-13	30	6.09	4	9002	OLIFANTS	8456	8	VD	1489
	7	30	1	3	52.6483	1	2	46	57.138	- 2	0	6.94	4	9002	OLIFANTS	8457	7	RO	1496
	7	30	1	4	8.6481	1	2	50	16.315	- 1	22	38.11	4	9002	OLIFANTS	8457	8	RO	1497
	7	30	3	8	57.9984	1	21	22	52.048	-11	48	54.81	4	9002	OLIFANTS	8467	4	RO	1492
	7	30	3	9	21.9981	1	21	31	54.835	-11	11	36.78	4	9002	OLIFANTS	8467	7	RO	1493
	7	31	0	47	51.8468	1	1	53	44.957	- 8	56	38.01	4	9002	OLIFANTS	8478	4	GL	1802
	7	31	0	48	15.8469	1	2	0	55.038	- 7	38	17.62	4	9002	OLIFANTS	8478	7	GL	1803
	7	31	0	52	1.5042	1	2	53	40.674	2	8	17.17	4	9002	OLIFANTS	8479	9	PL	1414
	7	31	0	52	9.5046	1	2	55	12.476	2	25	14.01	4	9002	OLIFANTS	8479	10	PL	2758
	7	31	2	57	18.0943	1	21	38	40.380	- 8	12	27.60	4	9002	OLIFANTS	8485	3	GL	1804

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	31	2	57	42.0949	1	21	48	11.415	- 7	23	27.50	4	9002	OLIFANTS	8485 6	GL	1805
	8	1	0	36	18.9853	1	2	9	51.486	- 2	59	14.07	4	9002	OLIFANTS	8496 4	SS	3837
	8	1	0	36	50.9854	1	2	17	55.864	- 1	30	24.98	4	9002	OLIFANTS	8496 8	SS	3838
	8	1	9	23	46.8552	1	0	49	37.691	26	9	21.86	4	9011	VILLA DOLO	6301 4	LE	4294
	8	1	9	24	10.8551	1	0	56	40.742	26	54	15.67	4	9011	VILLA DOLO	6301 7	LE	4295
	8	1	9	26	1.9214	1	1	53	47.209	-36	55	1.61	4	9009	CURACAO	5711 6	NG	4200
	8	1	9	26	17.2593	1	1	58	46.542	-36	8	9.65	4	9009	CURACAO	5711 8	NG	4201
	8	2	0	24	23.6632	1	2	17	24.581	1	24	18.59	4	9002	OLIFANTS	8513 7	SS	3839
	8	2	0	24	55.6632	1	2	24	44.514	2	42	56.08	4	9002	OLIFANTS	8513 11	SS	3840
	8	2	2	34	44.3320	1	22	32	43.632	3	27	55.37	4	9002	OLIFANTS	8520 5	SS	4128
	8	2	2	35	0.3318	1	22	39	30.107	4	15	33.72	4	9002	OLIFANTS	8520 7	SS	3842
	8	3	2	22	17.7099	1	22	31	4.718	6	49	10.31	4	9002	OLIFANTS	8545 4	SS	3843
	8	3	2	23	35.6743	1	23	4	40.452	10	53	39.65	4	9002	OLIFANTS	8545 13	SS	3844
	8	3	9	7	42.2537	1	3	48	5.482	- 9	1	37.21	4	9009	CURACAO	5724 3	VE	4202
	8	3	9	7	58.2540	1	3	51	47.237	- 8	12	20.96	4	9009	CURACAO	5724 5	VE	4203
	8	3	16	56	45.4140	1	14	49	48.787	42	22	58.60	4	9002	OLIFANTS	8556 16	CB	3848
	8	3	16	58	6.2591	1	17	15	13.081	32	21	7.22	4	9002	OLIFANTS	8557 5	CB	3845
	8	3	16	58	47.2434	1	18	25	40.132	22	55	7.53	4	9002	OLIFANTS	8557 24	CB	3846
	8	4	2	10	47.1610	1	22	53	47.761	13	17	26.78	4	9002	OLIFANTS	8567 18	HB	3850
	8	4	8	54	40.6274	1	3	42	36.427	- 7	27	38.96	4	9009	CURACAO	5735 4	NG	4198
	8	4	8	54	56.6277	1	3	46	22.825	- 6	37	25.90	4	9009	CURACAO	5735 6	NG	4199
	8	4	10	17	1.6215	3	14	10	41.160	37	30	18.20	4	9003	WOOMERA	10367 4	PB	4270
	8	4	10	17	13.6216	3	14	24	55.193	37	25	0.95	4	9003	WOOMERA	10367 10	PB	4271
	8	4	10	17	31.6217	3	14	48	30.402	37	6	34.88	4	9003	WOOMERA	10367 13	PB	4272
	8	4	16	44	34.3575	1	14	47	53.617	39	27	42.93	4	9002	OLIFANTS	8580 15	LE	3851
	8	4	16	44	50.5508	1	15	15	5.008	38	15	33.44	4	9002	OLIFANTS	8580 19	LE	3852
	8	4	16	46	55.1724	1	18	54	16.195	14	7	7.71	4	9002	OLIFANTS	8581 13	LE	3853
	8	4	16	47	7.1723	1	19	10	13.877	11	27	54.37	4	9002	OLIFANTS	8581 16	LE	3854
	8	5	1	59	15.6868	1	23	16	14.827	19	44	34.58	4	9002	OLIFANTS	8591 4	NG	4682
	8	5	1	59	39.6866	1	23	26	40.430	20	56	47.69	4	9002	OLIFANTS	8591 7	NG	4683
	8	5	8	41	28.1925	1	3	34	21.384	- 6	33	9.66	4	9009	CURACAO	5744 3	PB	4190
	8	5	8	42	8.1930	1	3	43	58.665	- 4	25	9.95	4	9009	CURACAO	5744 8	PB	4191
	8	5	19	22	26.9099	3	0	6	30.664	36	16	35.33	4	9003	WOOMERA	10387 4	LE	3760
	8	5	19	22	58.9097	3	0	16	50.519	37	16	6.32	4	9003	WOOMERA	10387 8	LE	3761
	8	6	1	47	40.2794	1	23	36	51.000	25	42	41.60	4	9002	OLIFANTS	8616 5	NG	7183
	8	6	1	47	56.2795	1	23	43	44.042	26	25	57.32	4	9002	OLIFANTS	8616 7	NG	7184
	8	6	8	19	35.0556	1	0	8	23.598	36	29	58.21	4	9011	VILLA DOLO	6365 3	LE	4296
	8	6	8	19	59.0559	1	0	16	42.035	37	11	25.95	4	9011	VILLA DOLO	6365 6	LE	4297
	8	6	22	51	40.1563	1	16	18	39.259	34	51	8.00	4	9011	VILLA DOLO	6375 4	LE	7298
	8	7	1	36	6.4210	1	23	57	50.498	31	15	2.51	4	9002	OLIFANTS	8638 4	WS	4684
	8	7	1	36	30.4208	1	0	7	53.413	32	9	18.43	4	9002	OLIFANTS	8638 7	WS	4685
	8	7	8	17	13.5318	1	3	49	10.915	1	55	51.66	4	9009	CURACAO	5761 3	LE	4196
	8	7	8	17	45.5321	1	3	56	38.100	3	27	1.47	4	9009	CURACAO	5761 7	LE	4197
	8	7	10	20	1.5311	1	22	30	21.733	23	17	5.29	4	9007	AREQUIPA	6796 3	WS	3753
	8	7	10	20	17.5308	1	22	34	28.833	24	4	24.71	4	9007	AREQUIPA	6796 5	WS	3754

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	7	14	49	54.7529	1	3	37	35.205	- 1	5	50.33	4	9012	MAUI	7261	4	PB	7296
	8	7	14	50	6.7318	1	3	40	48.415	- 0	30	32.41	4	9012	MAUI	7261	7	PB	4276
	8	8	1	24	33.3358	10	0	18	45.033	36	10	59.15	4	9002	OLIFANTS	8655	5	WS	4686
	8	8	14	38	37.7954	1	4	0	41.481	5	9	42.43	4	9012	MAUI	7272	3	WS	5842
	8	8	14	38	49.7956	1	4	3	48.990	5	40	37.89	4	9012	MAUI	7272	6	WS	5843
	8	9	1	12	58.2503	1	0	38	24.463	40	23	41.36	4	9002	OLIFANTS	8674	7	NG	4687
	8	9	1	13	14.2502	1	0	44	43.619	40	46	20.89	4	9002	OLIFANTS	8674	9	NG	4688
	8	9	7	51	57.0025	1	3	49	17.204	6	46	53.33	4	9009	CURACAO	5778	3	SE	5839
	8	9	14	24	30.6430	1	3	38	17.284	3	29	2.03	4	9012	MAUI	7284	3	WS	5844
	8	9	14	24	38.6428	1	3	40	31.402	3	52	2.55	4	9012	MAUI	7284	5	WS	5845
	8	10	7	38	47.2738	1	3	41	37.535	7	36	50.18	4	9009	CURACAO	5785	3	LE	4194
	8	10	7	39	3.2742	1	3	45	34.473	8	21	11.87	4	9009	CURACAO	5785	5	LE	4195
	8	10	14	12	35.4615	1	3	51	54.623	7	46	44.03	4	9012	MAUI	7295	3	SE	4277
	8	10	14	12	51.4612	1	3	56	17.986	8	27	53.12	4	9012	MAUI	7295	7	SE	4278
	8	11	9	33	0.3131	1	22	36	18.825	0	17	59.47	4	9009	CURACAO	5790	4	LE	4192
	8	11	9	33	16.3132	1	22	41	6.907	1	15	3.88	4	9009	CURACAO	5790	6	LE	4193
	8	12	9	23	12.3296	1	3	17	4.950	-16	44	23.33	4	9001	ORGAN PASS	7378	3	LE	3855
	8	12	9	23	36.3298	1	3	22	23.004	-15	31	56.93	4	9001	ORGAN PASS	7378	6	LE	3856
	8	12	9	27	38.0403	1	1	6	57.154	31	39	22.23	4	9009	CURACAO	5797	4	NG	4204
	8	12	9	27	54.0404	1	1	13	49.853	32	34	21.31	4	9009	CURACAO	5797	6	NG	4205
	8	12	9	30	58.9304	1	3	46	48.356	10	43	18.62	4	9010	JUPITER	7261	2	NG	4286
	8	12	9	31	22.9306	1	3	54	20.203	11	39	1.95	4	9010	JUPITER	7261	5	NG	4287
	8	13	9	19	10.6283	1	4	5	58.132	14	24	55.72	4	9010	JUPITER	7266	3	NG	5847
	8	13	9	19	42.6280	1	4	15	46.436	15	25	55.63	4	9010	JUPITER	7266	7	NG	4288
	8	13	17	11	47.7546	1	13	6	43.505	-75	51	36.03	4	9002	OLIFANTS	8750	14	NG	4680
	8	13	17	11	55.7547	1	13	48	59.578	-78	51	44.87	4	9002	OLIFANTS	8750	16	NG	4681
	8	14	11	17	32.2845	1	3	50	10.653	11	0	41.81	4	9001	ORGAN PASS	7393	4	LE	3857
	8	14	17	42	59.0483	1	3	41	49.387	- 3	5	42.01	4	9005	TOKYO	6343	6	AA	7673
	8	16	10	6	16.4292	3	12	21	39.850	-30	21	20.48	4	9003	WOOMERA	10494	9	SE	4265
	8	16	10	6	20.4290	3	12	25	2.936	-31	13	8.05	4	9003	WOOMERA	10494	11	SE	4266
	8	16	15	7	45.7607	1	0	10	26.179	28	0	2.08	4	9012	MAUI	7328	3	WS	4279
	8	16	15	8	1.7605	1	0	17	38.079	29	5	17.29	4	9012	MAUI	7328	7	WS	4280
	8	16	23	3	43.8524	1	12	22	42.679	-23	43	0.28	4	9011	VILLA DOLO	6435	3	LE	4299
	8	16	23	3	55.8523	1	12	34	9.813	-25	55	5.04	4	9011	VILLA DOLO	6435	9	LE	4300
	8	17	4	11	38.2605	1	4	5	53.737	10	44	31.14	4	9004	SAN FERNAN	6338	3	VE	3766
	8	17	4	12	2.2609	1	4	13	41.031	11	22	49.36	4	9004	SAN FERNAN	6338	6	VE	3767
	8	17	9	54	22.0765	3	12	46	48.914	-37	37	24.08	4	9003	WOOMERA	10502	12	FI	4267
	8	17	9	54	28.0886	3	12	54	52.380	-39	11	41.45	4	9003	WOOMERA	10502	15	FI	4268
	8	17	9	54	38.0760	3	13	10	19.704	-41	57	22.19	4	9003	WOOMERA	10502	20	FI	4269
	8	18	9	41	59.6078	3	12	45	0.876	-38	13	3.54	4	9003	WOOMERA	10511	9	WS	4262
	8	18	10	26	30.5103	10	3	55	41.739	15	12	22.73	4	9001	ORGAN PASS	7426	3	PB	3858
	8	18	10	26	50.5082	1	4	2	48.287	15	44	25.96	4	9001	ORGAN PASS	7426	8	PB	3859
	8	18	12	31	32.2064	1	4	6	19.918	21	9	20.07	4	9012	MAUI	7341	4	WS	7297
	8	19	10	14	21.5942	1	4	9	42.270	16	47	34.81	4	9001	ORGAN PASS	7435	6	HB	3860
	8	20	10	1	51.5551	1	4	15	54.529	17	36	2.13	4	9001	ORGAN PASS	7443	2	FI	3862

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	21	9	51	56.2110	1	2	31	26.565	42	29	11.28	4	9010	JUPITER	7289	3	VE	4289
	8	21	9	52	12.2122	1	2	41	48.214	42	46	33.49	4	9010	JUPITER	7289	7	VE	4290
	8	21	14	10	57.9000	1	4	20	38.501	49	42	52.67	4	9012	MAUI	7363	3	SE	4281
	8	21	14	11	13.8999	1	4	29	8.272	49	21	25.72	4	9012	MAUI	7363	7	SE	4282
	8	21	17	48	13.1137	1	12	7	42.989	-43	3	22.39	4	9002	OLIFANTS	8883	2	NG	4679
	8	22	17	36	5.3537	1	12	17	58.837	-44	57	15.85	4	9002	OLIFANTS	8901	8	NG	5838
	8	22	17	37	51.0589	1	16	1	27.119	-65	48	24.04	4	9002	OLIFANTS	8902	11	NG	4690
	8	23	13	45	39.4778	1	4	38	56.772	50	7	10.30	4	9012	MAUI	7382	3	LE	4283
	8	23	17	23	24.6805	1	12	7	54.118	-41	54	48.58	4	9002	OLIFANTS	8913	8	WS	4691
	8	23	17	23	36.6807	1	12	15	56.603	-43	34	23.86	4	9002	OLIFANTS	8913	11	WS	4692
	8	23	23	53	59.7363	1	13	37	45.896	-11	57	20.03	4	9011	VILLA DOLO	6492	3	VE	4301
	8	23	23	55	11.5149	1	23	26	48.295	-83	42	45.19	4	9007	AREQUIPA	6912	8	HA	3755
	8	23	23	55	23.5150	1	23	19	53.273	-80	32	56.93	4	9007	AREQUIPA	6912	11	HB	3756
	8	24	7	0	13.7190	1	4	41	45.674	57	0	45.27	4	9009	CURACAO	5845	3	VE	4206
	8	24	9	16	43.2900	1	4	39	9.977	42	50	41.32	4	9010	JUPITER	7309	5	VE	4291
	8	24	10	44	11.5444	10	13	54	52.350	- 7	22	19.38	4	9003	WOOMERA	10574	3	LA	3762
	8	24	10	44	15.5426	10	13	58	50.555	- 7	3	5.88	4	9003	WOOMERA	10574	5	LB	3763
	8	24	13	32	58.4718	1	4	46	3.675	50	9	14.18	4	9012	MAUI	7392	3	LE	4284
	8	24	13	33	18.4717	1	4	55	36.969	49	20	3.95	4	9012	MAUI	7392	8	LE	4285
	8	24	17	53	21.2764	1	4	7	12.807	21	18	23.52	4	9005	TOKYO	6395	2	BZ	7548
	8	24	17	53	53.2768	1	4	20	56.465	21	17	54.46	4	9005	TOKYO	6395	4	BZ	7549
	8	24	23	41	21.3240	1	13	22	26.292	-12	5	41.63	4	9011	VILLA DOLO	6504	3	WS	4302
	8	24	23	41	37.3238	1	13	37	13.708	-11	25	51.98	4	9011	VILLA DOLO	6504	7	WS	4303
	8	24	23	42	11.0761	1	11	59	15.726	-86	28	36.06	4	9007	AREQUIPA	6919	3	PB	3757
	8	25	6	47	21.7412	1	4	42	12.290	57	53	7.45	4	9009	CURACAO	5852	4	FI	3768
	8	25	8	58	44.4849	1	4	27	43.375	18	38	33.07	4	9001	ORGAN PASS	7465	3	FI	3863
	8	25	9	4	39.9305	1	5	3	50.542	41	4	10.78	4	9010	JUPITER	7313	5	VE	4292
	8	25	11	16	10.4723	1	4	50	19.992	31	51	5.65	4	9001	ORGAN PASS	7467	3	FI	3865
	8	25	11	16	26.4721	1	4	57	21.832	31	25	35.36	4	9001	ORGAN PASS	7467	7	FI	5836
	8	25	13	20	3.3672	1	4	45	28.230	50	44	46.98	4	9012	MAUI	7400	4	VE	5848
	8	25	13	20	15.3672	1	4	51	21.267	50	11	14.13	4	9012	MAUI	7400	7	VE	5849
	8	25	23	29	10.7582	1	13	33	38.745	-11	6	42.88	4	9011	VILLA DOLO	6516	4	FI	4138
	8	25	23	30	10.4209	1	19	1	26.996	-86	21	54.34	4	9007	AREQUIPA	6928	8	PB	3758
	8	25	23	30	30.4215	1	21	14	4.591	-82	12	33.64	4	9007	AREQUIPA	6928	13	PB	3759
	8	26	8	45	38.2563	1	4	18	58.905	18	22	44.06	4	9001	ORGAN PASS	7470	4	NG	3866
	8	26	8	45	58.2563	1	4	25	38.746	18	28	6.86	4	9001	ORGAN PASS	7470	9	NG	3867
	8	26	10	19	22.0397	1	13	47	44.177	- 6	15	32.80	4	9003	WOOMERA	10592	8	WS	4263
	8	26	10	19	32.0395	1	13	57	12.495	- 5	21	37.35	4	9003	WOOMERA	10592	13	AA	4264
	8	26	11	3	10.2372	1	4	46	36.462	31	30	53.19	4	9001	ORGAN PASS	7473	3	PB	3868
	8	26	11	3	26.2373	1	4	53	46.803	31	2	20.69	4	9001	ORGAN PASS	7473	7	PB	3869
	8	26	13	7	45.7550	1	5	1	54.529	49	27	59.41	4	9012	MAUI	7408	2	VE	4351
	8	26	13	7	49.7549	1	5	3	38.882	49	15	33.82	4	9012	MAUI	7408	3	VE	4352
	8	26	23	16	51.3378	1	13	37	50.874	-10	22	57.76	4	9011	VILLA DOLO	6534	4	FI	7775
	8	26	23	16	55.3378	1	13	41	46.007	-10	8	1.73	4	9011	VILLA DOLO	6534	5	FI	7291
	8	27	10	7	7.9046	1	13	55	21.456	- 4	43	23.57	4	9003	WOOMERA	10605	7	VE	4260

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	27	10	7	11.9045	1	13	59	13.181	- 4	19	25.65	4	9003	WOOMERA	10605	9	VE	4261
	8	27	10	50	8.8835	1	4	41	27.807	31	13	56.39	4	9001	ORGAN PASS	7483	3	NG	3870
	8	27	10	50	24.8836	1	4	48	50.762	30	42	14.90	4	9001	ORGAN PASS	7483	7	NG	5837
	8	27	15	11	2.7309	1	3	5	51.844	60	7	19.44	4	9012	MAUI	7418	5	VE	4353
	8	27	15	11	14.7304	1	3	16	40.689	59	52	1.07	4	9012	MAUI	7418	8	VE	4354
	8	27	17	16	1.3379	1	4	30	41.952	19	44	56.96	4	9005	TOKYO	6407	1	BZ	7547
	8	27	23	4	36.0622	1	13	47	3.393	- 9	14	46.07	4	9011	VILLA DOLO	6541	5	FI	7776
	8	27	23	4	40.0621	1	13	51	6.642	- 8	56	52.27	4	9011	VILLA DOLO	6541	6	FI	7293
	8	27	23	48	10.8033	3	5	9	50.448	34	7	52.22	4	9008	SHIRAZ	9069	4	TJ	3750
	8	27	23	48	26.8037	3	5	16	4.815	33	27	58.33	4	9008	SHIRAZ	9069	8	TJ	3751
	8	28	10	37	53.1519	1	4	56	11.552	29	19	6.82	4	9001	ORGAN PASS	7492	5	LE	4259
	8	28	10	38	13.1519	1	5	4	30.478	28	34	52.58	4	9001	ORGAN PASS	7492	10	LE	5840
	8	28	15	2	3.4411	1	5	44	24.149	49	3	52.89	4	9012	MAUI	7427	3	WS	4355
	8	28	15	2	23.4409	1	5	52	58.937	47	50	52.41	4	9012	MAUI	7427	8	WS	4356
	8	29	8	13	23.4241	1	5	6	26.604	39	35	57.26	4	9010	JUPITER	7321	5	VE	4293
	8	29	10	25	32.1845	1	5	6	34.639	27	22	9.91	4	9001	ORGAN PASS	7504	4	LE	4255
	8	29	10	25	44.1851	1	5	11	11.405	26	53	49.57	4	9001	ORGAN PASS	7504	7	LE	4256
	8	29	12	30	5.6901	1	5	20	27.543	47	14	32.95	4	9012	MAUI	7433	3	WS	4357
	8	29	12	30	21.6902	1	5	25	40.264	46	14	11.66	4	9012	MAUI	7433	7	WS	4358
	8	29	14	49	6.7211	1	5	42	51.530	48	36	35.56	4	9012	MAUI	7437	4	WS	5850
	8	29	14	49	18.7211	1	5	48	1.639	47	49	19.76	4	9012	MAUI	7437	7	WS	4359
	8	30	3	44	22.4370	1	4	57	43.524	17	54	4.37	4	9004	SAN FERNAN	6418	5	PB	4273
	8	30	3	44	38.4371	1	5	3	37.568	17	27	23.41	4	9004	SAN FERNAN	6418	7	PB	4274
	8	30	9	30	3.0986	1	14	1	30.660	- 1	45	22.53	4	9003	WOOMERA	10653	5	LE	3764
	8	30	9	30	11.0986	1	14	8	57.928	- 0	50	51.28	4	9003	WOOMERA	10653	9	LE	3765
	8	30	10	12	28.0819	1	4	58	38.404	27	5	23.28	4	9001	ORGAN PASS	7515	3	LE	4257
	8	30	10	12	40.0817	1	5	3	26.939	26	34	39.70	4	9001	ORGAN PASS	7515	6	LE	4258
	8	30	12	17	3.8329	1	5	14	55.913	48	23	8.84	4	9012	MAUI	7443	3	LE	4360
	8	30	12	17	15.8329	1	5	18	59.007	47	32	17.80	4	9012	MAUI	7443	6	LE	7644
	8	30	14	36	3.2488	1	5	37	28.957	48	44	18.57	4	9012	MAUI	7448	4	LE	4361
	8	30	14	36	19.2487	1	5	44	28.792	47	36	7.07	4	9012	MAUI	7448	7	LE	4362
	8	30	18	56	13.5245	1	4	59	15.030	16	41	26.84	4	9005	TOKYO	6424	8	BZ	7546
	8	31	7	49	15.0353	1	5	22	12.978	68	48	18.24	4	9009	CURACAO	5873	5	FI	4121
	8	31	7	49	31.0353	1	5	31	46.525	67	29	5.25	4	9009	CURACAO	5873	7	FI	3769
	8	31	12	4	25.4103	1	5	16	52.243	48	1	36.25	4	9012	MAUI	7454	3	LE	4363
	8	31	12	4	37.4103	1	5	20	37.864	47	7	28.02	4	9012	MAUI	7454	6	LE	4364
	8	31	23	2	22.7318	3	4	13	41.409	33	13	12.50	4	9006	NAIN TAL	4777	3	SC	7543
	8	31	23	4	7.2856	3	5	7	52.732	27	12	13.92	4	9006	NAIN TAL	4777	13	SC	7544
	8	31	23	5	4.4710	3	5	31	9.658	24	0	31.91	4	9006	NAIN TAL	4777	18	SC	7545
	9	1	22	44	11.1704	1	5	1	14.020	30	59	4.69	4	9008	SHIRAZ	9119	4	KA	8061
	9	1	22	44	23.1706	1	5	5	44.097	30	15	19.47	4	9008	SHIRAZ	9119	7	KA	8062
	9	2	1	3	21.4217	1	5	18	49.846	19	23	18.21	4	9008	SHIRAZ	9125	5	WS	8333
	9	2	1	3	41.4232	1	5	26	31.930	18	19	8.37	4	9008	SHIRAZ	9125	10	BZ	8335
	9	2	3	6	13.6866	1	4	53	11.675	13	41	37.34	4	9004	SAN FERNAN	6443	3	MJ	8104
	9	2	7	23	54.5623	1	5	32	56.053	31	31	41.20	4	9010	JUPITER	7351	4	SS	7984

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1962	9	2	7	24	10.5634	1	5	37	7.053	30	34	42.13	4	9010	JUPITER	7351	6	SS	7985
	9	2	9	42	3.9944	1	5	30	46.251	24	41	12.27	4	9010	JUPITER	7354	2	PB	8007
	9	2	9	42	19.9941	1	5	36	47.010	23	41	32.13	4	9010	JUPITER	7354	4	PB	8008
	9	2	13	57	48.2391	1	5	40	34.722	45	36	34.58	4	9012	MAUI	7473	8	FI	8113
	9	3	0	51	1.6979	1	5	26	53.665	15	51	57.90	4	9008	SHIRAZ	9134	7	WS	8064
	9	3	9	21	35.2692	1	4	52	30.710	22	31	40.51	4	9001	ORGAN PASS	7533	4	KA	8131
	9	3	9	21	51.2693	1	4	58	33.038	21	41	8.60	4	9001	ORGAN PASS	7533	8	KA	8132
	9	3	9	31	10.3922	1	5	2	0.978	51	47	54.87	4	9009	CURACAO	5881	4	PB	7702
	9	3	9	31	26.3925	1	5	10	53.335	50	39	23.82	4	9009	CURACAO	5881	6	PB	7703
	9	3	13	45	46.5820	1	5	55	17.606	40	48	10.32	4	9012	MAUI	7484	3	HB	8114
	9	3	13	45	54.5819	1	5	57	50.862	40	7	2.53	4	9012	MAUI	7484	5	HB	8115
	9	5	0	25	8.4204	1	5	12	44.762	12	48	35.57	4	9008	SHIRAZ	9164	2	NG	7940
	9	5	0	25	16.4205	1	5	15	48.673	12	21	11.15	4	9008	SHIRAZ	9164	4	NG	7941
	9	5	4	45	18.0811	1	4	24	17.280	- 2	56	39.37	4	9004	SAN FERNAN	6466	3	SS	8105
	9	5	9	3	27.9664	1	5	15	45.450	20	11	44.16	4	9010	JUPITER	7374	5	WS	7986
	9	5	9	3	35.9670	1	5	18	55.982	19	37	25.23	4	9010	JUPITER	7374	6	WS	7987
	9	5	13	21	11.3465	1	6	5	53.718	33	51	41.95	4	9012	MAUI	7496	3	FI	8116
	9	5	23	30	32.1008	1	14	21	42.626	5	52	38.47	4	9007	AREQUIPA	6990	6	LE	8065
	9	5	23	30	44.1009	1	14	30	43.301	8	3	30.69	4	9007	AREQUIPA	6990	9	LE	8066
	9	6	0	12	30.4000	1	5	11	36.373	10	14	35.92	4	9008	SHIRAZ	9181	6	CB	7942
	9	6	8	56	40.0689	1	6	27	56.336	29	17	21.42	4	9009	CURACAO	5910	2	WS	7704
	9	6	8	57	4.0682	1	6	34	22.998	27	26	8.46	4	9009	CURACAO	5910	5	WS	7705
	9	6	13	8	10.3312	1	5	58	19.164	34	14	27.01	4	9012	MAUI	7515	3	FI	8117
	9	6	13	8	22.3311	1	6	1	20.767	33	8	50.72	4	9012	MAUI	7515	6	FI	8118
	9	6	15	19	6.5538	1	0	25	53.215	34	42	8.45	4	9012	MAUI	7520	2	SC	8121
	9	6	15	19	22.5542	1	0	36	41.502	34	35	22.48	4	9012	MAUI	7520	6	HB	8122
	9	7	8	38	56.9010	1	5	29	4.844	12	12	38.72	4	9010	JUPITER	7393	5	NG	8142
	9	7	8	43	14.7585	1	6	13	27.404	30	45	20.92	4	9009	CURACAO	5921	4	LE	7706
	9	7	8	43	22.7586	1	6	15	50.765	30	4	4.67	4	9009	CURACAO	5921	5	FI	7707
	9	7	12	55	53.7112	1	6	1	9.327	30	42	22.58	4	9012	MAUI	7529	4	SS	8119
	9	7	12	56	5.7112	1	6	3	51.020	29	38	23.80	4	9012	MAUI	7529	7	SS	8120
	9	7	15	13	24.1159	1	4	49	43.182	10	14	26.39	4	9012	MAUI	7534	4	KA	8068
	9	7	15	13	40.1261	1	4	56	55.028	9	6	2.42	4	9012	MAUI	7534	8	KA	8069
	9	7	23	47	37.8577	1	5	15	30.332	3	52	8.67	4	9008	SHIRAZ	9216	4	CB	7943
	9	8	8	26	38.4932	1	5	32	32.942	8	33	35.26	4	9010	JUPITER	7403	5	SC	8143
	9	8	8	30	7.6648	1	6	3	14.239	31	3	39.83	4	9009	CURACAO	5926	3	FI	8352
	9	8	8	30	31.6647	1	6	10	40.079	28	51	27.88	4	9009	CURACAO	5926	6	FI	7709
	9	8	10	36	34.7800	1	4	37	34.396	- 3	39	7.07	4	9001	ORGAN PASS	7559	3	SC	8133
	9	8	10	36	54.7800	1	4	45	52.815	- 4	29	20.92	4	9001	ORGAN PASS	7559	8	SE	8134
	9	8	12	43	20.2968	1	5	59	7.667	28	45	10.16	4	9012	MAUI	7544	4	CB	7718
	9	8	12	43	32.2967	1	6	1	40.597	27	40	20.59	4	9012	MAUI	7544	7	CB	8354
	9	8	15	1	39.6112	1	5	11	29.645	3	14	47.04	4	9012	MAUI	7549	2	KA	7955
	9	8	15	1	59.6109	1	5	19	25.975	1	56	49.37	4	9012	MAUI	7549	7	KA	7956
	9	8	23	35	35.2048	1	5	23	43.905	- 0	20	33.32	4	9008	SHIRAZ	9240	5	KA	7944
	9	8	23	35	43.2050	1	5	26	11.729	- 0	42	31.85	4	9008	SHIRAZ	9240	7	KA	7945

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	9	3	55	1.1831	1	4	17	46.938	-13	45	8.47	4	9004	SAN FERNAN	6497	3	SS	8107
	9	9	8	17	55.3216	1	6	9	20.446	26	23	46.00	4	9009	CURACAO	5935	4	WS	7710
	9	9	8	18	11.3217	1	6	13	53.888	24	56	21.70	4	9009	CURACAO	5935	6	WS	8351
	9	9	10	24	11.4282	1	4	39	44.210	- 6	55	9.25	4	9001	ORGAN PASS	7572	3	KA	8135
	9	9	10	24	31.4279	1	4	47	45.633	- 7	41	6.71	4	9001	ORGAN PASS	7572	8	KA	8136
	9	9	12	30	58.4565	1	5	58	50.129	25	48	48.92	4	9012	MAUI	7563	2	TJ	8018
	9	9	12	31	22.4564	1	6	3	26.479	23	43	59.66	4	9012	MAUI	7563	8	HB	8019
	9	10	10	11	58.1725	1	4	44	59.260	-10	25	40.42	4	9001	ORGAN PASS	7589	3	SE	8137
	9	10	10	12	11.3731	1	0	56	54.368	0	12	28.99	4	9010	JUPITER	7430	9	SS	7715
	9	10	10	12	18.1726	1	4	52	32.449	-11	5	59.52	4	9001	ORGAN PASS	7589	8	SE	8138
	9	10	10	12	27.3737	1	1	5	45.117	- 0	40	45.44	4	9010	JUPITER	7430	11	SS	7716
	9	10	14	37	35.2085	1	5	34	6.063	- 7	27	14.98	4	9012	MAUI	7564	3	HB	8022
	9	10	14	37	51.2084	1	5	39	34.229	- 8	16	55.95	4	9012	MAUI	7564	7	H	8023
	9	11	7	53	25.2133	1	6	16	22.647	17	40	18.11	4	9009	CURACAO	5947	9	KA	7712
	9	11	14	23	59.8426	1	5	9	36.724	- 7	23	11.41	4	9012	MAUI	7577	4	SC	7957
	9	12	9	53	14.4236	1	4	2	40.087	-26	32	38.88	4	9010	JUPITER	7443	5	SE	7717
	9	12	14	11	32.6016	1	5	10	13.470	-11	8	31.34	4	9012	MAUI	7590	2	CB	8020
	9	12	14	11	48.6014	1	5	16	29.128	-11	59	31.80	4	9012	MAUI	7590	6	CB	8021
	9	13	1	1	38.5827	1	3	46	55.038	-31	23	12.55	4	9008	SHIRAZ	9309	3	CB	7946
	9	13	14	0	17.6123	1	5	36	30.160	-17	56	36.22	4	9012	MAUI	7609	8	PB	2106
	9	15	0	0	53.8559	1	14	32	57.954	30	55	31.30	4	9009	CURACAO	5969	6	WS	7713
	9	15	0	0	57.8559	1	14	34	27.352	31	54	52.38	4	9009	CURACAO	5969	8	WS	7714
	9	16	6	20	58.9790	1	14	57	53.484	23	50	5.13	4	9012	MAUI	7634	7	TJ	8204
	9	17	19	53	57.7932	1	6	37	37.113	13	45	38.67	4	9003	WOOMERA	10838	4	BZ	8345
	9	18	5	56	18.4414	1	14	48	4.695	29	51	41.25	4	9012	MAUI	7643	5	TJ	9090
	9	18	5	56	22.4412	1	14	49	38.435	30	49	16.31	4	9012	MAUI	7643	7	TJ	8013
	9	18	19	44	32.5070	1	7	34	14.521	2	6	29.90	4	9003	WOOMERA	10853	3	HB	7996
	9	18	19	45	4.5062	1	7	42	55.185	0	40	59.04	4	9003	WOOMERA	10853	7	PB	7997
	9	19	5	44	19.3593	1	14	54	11.648	38	16	36.66	4	9012	MAUI	7656	8	CB	8338
	9	19	5	44	27.3591	1	14	58	20.325	40	27	12.45	4	9012	MAUI	7656	10	SE	8073
	9	19	14	58	25.9125	1	1	50	17.464	-44	5	22.41	4	9012	MAUI	7665	3	BZ	8206
	9	19	14	58	37.9123	1	1	56	5.455	-44	47	38.15	4	9012	MAUI	7665	6	BZ	8144
	9	19	19	31	21.6082	1	7	26	25.326	1	58	30.69	4	9003	WOOMERA	10869	2	PB	7998
	9	19	19	31	49.6080	1	7	34	20.357	0	40	18.25	4	9003	WOOMERA	10869	9	LE	7999
	9	20	5	31	44.7272	1	14	45	34.308	37	43	25.22	4	9012	MAUI	7666	6	SE	8074
	9	20	5	32	8.3597	1	14	57	54.447	43	49	9.18	4	9012	MAUI	7666	10	CB	8075
	9	21	1	36	0.0364	1	4	14	6.435	40	43	37.68	4	9002	OLIFANTS	9353	3	CB	7972
	9	21	1	36	40.0364	1	4	33	51.009	37	38	56.06	4	9002	OLIFANTS	9353	8	CB	7973
	9	21	5	19	7.5807	1	14	37	6.801	37	0	4.42	4	9012	MAUI	7678	5	HB	8014
	9	21	5	19	11.5807	1	14	38	51.567	37	53	31.84	4	9012	MAUI	7678	7	HB	8015
	9	21	19	4	59.2259	1	7	8	47.512	2	14	40.96	4	9003	WOOMERA	10894	3	LE	8000
	9	21	19	5	27.2255	1	7	17	28.927	0	48	1.21	4	9003	WOOMERA	10894	9	LE	8346
	9	21	20	32	28.9670	1	16	46	2.891	- 3	53	35.53	4	9004	SAN FERNAN	6584	5	PB	8108
	9	21	20	32	36.9671	1	16	52	54.851	- 3	40	1.68	4	9004	SAN FERNAN	6584	7	PB	8843
	9	22	1	23	27.8211	1	4	9	7.411	40	21	53.06	4	9002	OLIFANTS	9374	7	PB	7974

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	22	5	10	39.5004	1	23	50	10.817	65	51	3.23	4	9012	MAUI	7689	4	FI	8016
	9	22	5	10	43.5001	1	23	56	3.037	65	3	45.65	4	9012	MAUI	7689	6	MJ	8348
	9	23	7	48	54.8048	1	6	52	31.115	7	48	22.03	4	9011	VILLA DOLO	6771	2	BZ	7949
	9	23	7	49	18.8046	1	6	59	55.578	6	23	37.32	4	9011	VILLA DOLO	6771	5	BZ	7950
	9	24	1	0	12.5110	1	4	57	11.582	29	34	47.41	4	9002	OLIFANTS	9407	10	PB	7975
	9	24	1	8	2.0924	1	7	42	9.194	- 5	18	34.10	4	9002	OLIFANTS	9409	6	WS	7976
	9	25	0	48	32.2376	1	5	19	44.499	23	31	23.42	4	9002	OLIFANTS	9424	4	SS	9849
	9	25	0	48	48.2370	1	5	27	15.139	21	52	45.09	4	9002	OLIFANTS	9424	6	SS	7978
	9	25	3	5	41.9203	1	4	8	18.876	-13	31	40.32	4	9002	OLIFANTS	9429	6	NG	7979
	9	25	3	6	5.7843	1	4	22	6.930	-15	26	54.37	4	9002	OLIFANTS	9429	10	NG	7980
	9	25	3	7	21.6071	1	5	6	58.317	-21	1	58.92	4	9002	OLIFANTS	9429	19	NG	7981
	9	25	7	21	38.5582	1	7	19	40.999	-14	37	44.11	4	9007	AREQUIPA	7110	8	FI	329
	9	25	7	23	52.9526	1	6	55	14.689	5	0	6.52	4	9011	VILLA DOLO	6787	3	LE	8011
	9	25	7	24	24.9513	1	7	5	21.336	3	9	12.44	4	9011	VILLA DOLO	6787	7	LE	8872
	9	25	9	38	10.4582	1	6	32	50.585	-48	18	18.67	4	9007	AREQUIPA	7118	2	SS	8337
	9	25	9	38	34.4577	1	6	48	31.341	-48	30	57.97	4	9007	AREQUIPA	7118	5	LE	8071
	9	25	18	13	50.4134	1	6	58	38.015	- 0	35	41.78	4	9003	WOOMERA	10910	3	FI	8001
	9	25	18	14	14.4130	1	7	7	5.161	- 1	54	59.32	4	9003	WOOMERA	10910	9	FI	8002
	9	26	0	36	45.4919	1	5	38	50.730	17	52	2.52	4	9002	OLIFANTS	9441	4	KA	7982
	9	26	0	36	57.4921	1	5	44	14.540	16	38	19.64	4	9002	OLIFANTS	9441	7	KA	7983
	9	26	0	41	13.2127	1	7	15	25.729	- 2	58	25.03	4	9002	OLIFANTS	9442	4	LE	7990
	9	26	0	41	29.2126	1	7	19	58.928	- 3	47	49.50	4	9002	OLIFANTS	9442	6	LE	7991
	9	26	2	11	9.6536	1	15	35	48.263	17	41	28.43	4	9001	ORGAN PASS	7696	6	NG	8139
	9	26	2	11	15.6535	1	15	39	37.970	18	18	34.06	4	9001	ORGAN PASS	7696	9	PB	8205
	9	26	6	35	8.8881	1	14	8	6.960	63	13	58.31	4	9012	MAUI	7722	3	SE	8076
	9	26	6	35	12.8880	1	14	7	49.128	64	2	55.95	4	9012	MAUI	7722	5	TJ	8077
	9	26	7	8	49.5412	1	7	15	23.526	-15	26	27.27	4	9007	AREQUIPA	7123	5	PB	8072
	9	26	19	30	34.8043	1	16	41	8.846	7	6	3.05	4	9004	SAN FERNAN	6591	2	BZ	8110
	9	27	0	25	24.7488	1	6	8	19.674	9	44	15.41	4	9002	OLIFANTS	9458	5	SS	7992
	9	27	0	25	40.7486	1	6	14	45.239	8	17	13.84	4	9002	OLIFANTS	9458	7	SS	7993
	9	27	0	28	23.6574	1	7	10	33.531	- 3	14	23.98	4	9002	OLIFANTS	9459	7	LE	7994
	9	27	6	22	58.8146	1	14	11	29.297	66	58	24.65	4	9012	MAUI	7733	7	SE	7948
	9	27	9	8	29.8573	1	2	44	46.862	3	43	24.09	4	9011	VILLA DOLO	6813	3	WS	8009
	9	27	9	8	57.8571	1	2	58	45.196	1	45	30.13	4	9011	VILLA DOLO	6813	10	LE	8010
	9	28	1	50	6.0996	1	21	48	7.842	34	34	31.68	4	9001	ORGAN PASS	7698	3	HB	8140
	9	28	1	50	14.0996	1	22	2	3.746	33	31	2.70	4	9001	ORGAN PASS	7698	7	HB	8141
	9	28	9	2	20.1833	1	6	32	33.225	-22	35	31.67	4	9011	VILLA DOLO	6826	2	BZ	7951
	9	28	9	3	0.1820	1	6	55	29.594	-23	44	43.88	4	9011	VILLA DOLO	6826	7	SE	7952
	9	28	10	29	3.1575	1	16	14	12.504	11	26	40.61	4	9005	TOKYO	6549	4	FI	328
	9	28	19	8	35.2998	1	20	53	52.904	12	45	27.37	4	9004	SAN FERNAN	6617	7	FI	8111
	9	29	19	36	44.0878	1	4	25	7.796	-22	10	35.30	4	9003	WOOMERA	10953	2	SC	8003
	9	29	19	37	2.0873	1	4	38	16.785	-23	24	22.94	4	9003	WOOMERA	10953	11	SS	8004
	9	30	5	45	37.8556	1	14	36	44.387	68	20	20.63	4	9012	MAUI	7763	4	SS	8334
	9	30	5	45	43.8557	1	14	39	57.142	69	29	28.42	4	9012	MAUI	7763	8	SS	8344
	9	30	8	38	48.4752	1	7	40	58.923	-25	49	51.55	4	9011	VILLA DOLO	6851	3	KA	7953

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	30	8	39	4.4744	1	7	48	51.136	-25	52	23.44	4	9011	VILLA DOLO	6851	5	KA	7954
	9	30	19	28	47.2887	1	7	43	31.632	-31	17	44.26	4	9003	WOOMERA	10964	3	SS	8005
	9	30	19	28	59.2882	1	7	49	59.176	-31	11	47.84	4	9003	WOOMERA	10964	6	SS	8006
	10	1	5	33	24.8685	1	15	1	16.190	71	30	57.54	4	9012	MAUI	7778	6	PG	1185
	10	1	5	33	28.8684	1	15	5	10.114	72	15	59.85	4	9012	MAUI	7778	8	PG	19
	10	1	16	58	55.1546	1	7	13	54.635	- 7	3	31.73	4	9003	WOOMERA	10974	3	GL	591
	10	2	3	13	17.1449	1	16	22	26.991	17	12	9.11	4	9001	ORGAN PASS	7751	9	DM	721
	10	2	5	21	2.6754	1	15	27	22.315	72	45	49.81	4	9012	MAUI	7791	4	PG	1187
	10	2	5	21	8.6753	1	15	36	6.568	73	47	59.70	4	9012	MAUI	7791	7	PG	1188
	10	2	16	46	50.8025	1	7	23	53.982	- 8	38	25.75	4	9003	WOOMERA	10982	5	GL	589
	10	2	20	31	17.0632	1	16	33	55.643	4	28	30.71	4	9004	SAN FERNAN	6668	3	DM	2229
	10	3	5	8	0.6186	1	15	8	13.004	67	32	10.09	4	9012	MAUI	7811	3	PG	1189
	10	3	5	8	4.6184	1	15	12	3.236	68	9	2.46	4	9012	MAUI	7811	5	PG	1190
	10	3	18	51	15.4385	1	8	12	8.253	-30	22	9.33	4	9003	WOOMERA	10994	6	GL	750
	10	3	18	51	23.4384	1	8	15	57.896	-30	9	44.34	4	9003	WOOMERA	10994	8	GL	751
	10	4	2	48	23.5498	1	16	26	44.094	17	30	7.26	4	9001	ORGAN PASS	7775	6	DM	722
	10	4	4	58	36.8102	1	23	30	4.652	66	0	21.76	4	9012	MAUI	7822	4	PG	1191
	10	4	4	58	38.8101	1	23	32	38.114	65	36	39.06	4	9012	MAUI	7822	5	PG	1192
	10	4	18	37	59.5769	1	7	57	2.358	-30	59	9.36	4	9003	WOOMERA	11006	3	GL	748
	10	4	18	38	27.5764	1	8	11	26.082	-30	9	28.96	4	9003	WOOMERA	11006	10	GL	749
	10	5	15	33	33.8018	3	16	4	4.677	30	41	39.15	4	9008	SHIRAZ	9598	5	YK	1548
	10	5	15	33	37.8018	3	16	6	52.098	30	50	43.07	4	9008	SHIRAZ	9598	6	LD	2235
	10	6	2	23	24.5492	1	16	31	19.589	17	31	25.20	4	9001	ORGAN PASS	7794	4	DM	723
	10	6	2	23	30.5492	1	16	35	27.824	17	25	42.20	4	9001	ORGAN PASS	7794	7	DM	724
	10	7	0	4	31.6562	1	16	25	34.901	72	46	6.87	4	9009	CURACAO	6073	4	DM	620
	10	7	0	4	35.6565	1	16	31	22.111	73	13	26.92	4	9009	CURACAO	6073	5	DM	621
	10	7	0	37	4.0235	1	6	36	33.980	-44	51	50.67	4	9002	OLIFANTS	9509	5	BN	4069
	10	7	0	37	20.0239	1	6	52	11.019	-43	55	58.18	4	9002	OLIFANTS	9509	7	BN	2152
	10	7	18	0	6.2404	1	8	5	45.759	-29	28	31.78	4	9003	WOOMERA	11032	6	VD	746
	10	7	18	0	14.2402	1	8	9	43.577	-29	7	27.07	4	9003	WOOMERA	11032	8	VD	747
	10	7	23	52	13.8478	1	17	2	2.145	72	47	23.77	4	9009	CURACAO	6081	4	PL	622
	10	7	23	52	25.8477	1	17	24	39.446	73	52	35.47	4	9009	CURACAO	6081	7	PL	623
	10	8	0	25	33.6729	1	7	34	21.351	-41	20	12.02	4	9002	OLIFANTS	9525	7	BN	2153
	10	8	0	25	41.6730	1	7	39	28.313	-40	47	8.28	4	9002	OLIFANTS	9525	9	BN	580
	10	8	1	58	51.9589	1	16	58	40.156	16	17	27.59	4	9001	ORGAN PASS	7827	6	PL	725
	10	8	1	58	53.9590	1	17	0	11.744	16	13	5.83	4	9001	ORGAN PASS	7827	7	PL	726
	10	8	1	58	55.9591	1	17	1	45.906	16	8	32.65	4	9001	ORGAN PASS	7827	8	PL	727
	10	8	6	57	21.8541	1	7	52	8.293	-24	33	14.43	4	9011	VILLA DOLO	6895	6	BO	865
	10	8	6	57	29.8544	1	7	56	0.404	-24	19	9.84	4	9011	VILLA DOLO	6895	8	BO	866
	10	8	6	57	37.8541	1	7	59	44.101	-24	5	4.71	4	9011	VILLA DOLO	6895	10	BO	867
	10	8	17	47	22.8993	1	8	4	7.933	-29	8	33.81	4	9003	WOOMERA	11041	9	VD	744
	10	8	17	47	26.8993	1	8	6	8.519	-28	56	48.54	4	9003	WOOMERA	11041	10	VD	745
	10	8	23	39	47.4618	1	17	25	3.104	71	32	20.81	4	9009	CURACAO	6089	3	PL	624
	10	8	23	39	59.4623	1	17	47	57.390	72	22	10.48	4	9009	CURACAO	6089	6	PL	2160
	10	9	1	45	46.5133	1	16	38	8.359	16	59	6.66	4	9001	ORGAN PASS	7843	3	PL	728

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	9	1	45	50.5133	1	16	40	49.915	16	52	0.96	4	9001	ORGAN PASS	7843	5	PL	729
	10	9	1	45	56.5133	1	16	44	56.491	16	40	41.13	4	9001	ORGAN PASS	7843	8	PL	730
	10	9	6	44	46.6975	1	7	52	58.686	-24	0	25.14	4	9011	VILLA DOLO	6906	5	BO	868
	10	9	6	45	2.6970	1	8	0	23.036	-23	28	42.24	4	9011	VILLA DOLO	6906	7	BO	869
	10	9	8	54	55.6971	1	1	27	57.861	-24	52	41.27	4	9011	VILLA DOLO	6912	7	BO	870
	10	9	17	34	28.2307	1	7	55	42.705	-29	28	53.23	4	9003	WOOMERA	11054	11	VO	742
	10	9	17	34	32.2306	1	7	57	51.561	-29	15	28.78	4	9003	WOOMERA	11054	12	VO	743
	10	10	1	35	39.5167	1	18	42	36.303	7	13	53.50	4	9001	ORGAN PASS	7855	5	HC	4607
	10	10	1	35	45.5167	1	18	48	30.790	6	38	18.24	4	9001	ORGAN PASS	7855	8	HC	731
	10	11	1	59	27.3185	1	0	5	54.049	-40	3	22.97	4	9002	OLIFANTS	9562	5	BA	2154
	10	11	1	59	31.3185	1	0	8	16.021	-40	34	27.97	4	9002	OLIFANTS	9562	6	BA	2155
	10	11	5	44	55.1398	1	16	44	45.588	29	13	2.67	4	9012	MAUI	7898	6	PG	1193
	10	11	5	44	59.1396	1	16	47	18.691	29	8	23.91	4	9012	MAUI	7898	7	PG	1194
	10	13	1	36	37.9836	1	1	52	56.607	-60	23	41.14	4	9002	OLIFANTS	9590	21	BA	2156
	10	13	1	36	45.9840	1	2	8	3.051	-61	21	10.19	4	9002	OLIFANTS	9590	23	BA	2157
	10	13	19	1	33.6351	1	8	3	44.451	-21	15	38.13	4	9003	WOOMERA	11088	5	BA	740
	10	13	19	1	45.6348	1	8	10	53.633	-20	16	20.20	4	9003	WOOMERA	11088	8	BA	741
	10	14	1	24	30.4501	1	2	30	56.144	-64	21	39.31	4	9002	OLIFANTS	9599	15	BA	4608
	10	14	7	58	49.0275	1	8	3	30.250	-20	19	21.02	4	9011	VILLA DOLO	6937	5	BO	2236
	10	14	7	58	53.0273	1	8	5	51.432	-19	59	32.98	4	9011	VILLA DOLO	6937	6	BO	872
	10	14	18	49	17.8589	1	8	14	43.665	-17	19	18.33	4	9003	WOOMERA	11102	5	BA	738
	10	14	18	49	25.8588	1	8	19	1.733	-16	40	49.36	4	9003	WOOMERA	11102	7	BA	739
	10	15	1	12	5.8832	1	2	36	33.941	-66	16	32.44	4	9002	OLIFANTS	9616	7	DU	581
	10	15	1	12	57.4739	1	5	11	42.620	-66	4	46.25	4	9002	OLIFANTS	9616	19	DU	2159
	10	15	7	46	48.6584	1	8	20	49.189	-15	28	19.60	4	9011	VILLA DOLO	6959	5	BO	873
	10	15	7	46	56.6585	1	8	24	37.646	-14	52	38.02	4	9011	VILLA DOLO	6959	6	BO	875
	10	15	7	47	4.6584	1	8	28	17.597	-14	18	3.36	4	9011	VILLA DOLO	6959	7	BO	874
	10	15	13	34	38.5533	1	17	8	56.135	- 6	27	8.38	4	9006	NAIN TAL	5063	5	DM	3143
	10	15	13	34	54.5537	1	17	16	17.480	- 7	52	20.27	4	9006	NAIN TAL	5063	7	DM	617
	10	15	15	45	31.0215	3	17	8	11.472	-11	22	34.03	4	9008	SHIRAZ	9739	3	RO	859
	10	15	15	45	35.0213	3	17	9	47.395	-11	43	43.61	4	9008	SHIRAZ	9739	4	RO	860
	10	15	18	36	17.4686	1	7	58	40.617	-17	7	13.15	4	9003	WOOMERA	11120	9	MW	737
	10	15	18	36	25.4683	1	8	3	31.886	-16	24	50.17	4	9003	WOOMERA	11120	11	MW	3141
	10	16	1	0	42.7184	1	5	59	14.341	-64	51	10.19	4	9002	OLIFANTS	9632	7	DU	583
	10	16	1	0	50.7184	1	6	17	56.514	-63	33	42.87	4	9002	OLIFANTS	9632	9	DU	584
	10	16	15	32	44.7876	3	17	2	0.665	-11	9	59.27	4	9008	SHIRAZ	9752	4	MW	861
	10	16	15	32	52.7876	3	17	5	3.636	-11	50	22.24	4	9008	SHIRAZ	9752	6	MW	862
	10	17	0	48	10.2019	1	5	58	59.954	-65	44	16.33	4	9002	OLIFANTS	9645	4	LT	585
	10	17	0	48	42.2021	1	7	5	26.535	-59	21	4.17	4	9002	OLIFANTS	9645	12	LT	586
	10	17	2	22	34.4859	1	17	13	40.796	-18	58	50.62	4	9001	ORGAN PASS	7925	7	HC	732
	10	18	0	36	44.1572	1	7	49	9.883	-51	35	59.74	4	9002	OLIFANTS	9664	5	MY	4174
	10	18	0	36	56.1568	1	7	59	49.799	-48	55	32.90	4	9002	OLIFANTS	9664	8	MY	4175
	10	18	13	1	4.4187	1	19	12	55.733	-32	33	42.61	4	9006	NAIN TAL	5089	5	DM	618
	10	18	13	1	28.4186	1	19	27	10.484	-34	39	2.28	4	9006	NAIN TAL	5089	11	DM	619
	10	19	0	25	29.9115	1	8	36	17.062	-35	7	21.24	4	9002	OLIFANTS	9684	3	MY	610

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	19	0	25	41.9114	1	8	40	56.316	-33	8	58.08	4	9002	OLIFANTS	9684	6	MY	611
	10	19	2	40	3.4276	1	4	36	36.777	-19	9	13.39	4	9002	OLIFANTS	9691	4	LT	602
	10	19	2	40	39.5789	1	5	17	16.294	-16	2	49.58	4	9002	OLIFANTS	9691	15	LT	603
	10	19	17	46	32.4364	1	8	3	12.453	- 4	47	11.25	4	9003	WOOMERA	11142	3	HC	735
	10	19	17	46	52.4365	1	8	13	2.383	- 3	19	47.83	4	9003	WOOMERA	11142	8	HC	736
	10	20	0	13	15.6796	1	8	39	42.354	-30	57	29.49	4	9002	OLIFANTS	9705	2	GL	612
	10	20	0	13	23.6794	1	8	42	21.577	-29	42	10.11	4	9002	OLIFANTS	9705	3	GL	613
	10	20	1	43	27.5535	1	16	41	47.071	-15	23	35.58	4	9001	ORGAN PASS	7930	9	HC	733
	10	21	1	30	54.6700	1	16	41	6.197	-16	35	30.07	4	9001	ORGAN PASS	7939	8	VD	734
	10	22	8	35	8.3995	1	6	25	3.939	26	23	12.00	4	9011	VILLA DOLO	7077	3	BO	876
	10	22	23	3	3.1119	1	17	46	30.754	-21	8	47.86	4	9009	CURACAO	6131	5	LD	854
	10	22	23	3	7.1120	1	17	48	17.031	-21	38	15.71	4	9009	CURACAO	6131	6	LD	855
	10	23	8	21	48.9506	1	5	39	32.596	27	12	2.96	4	9011	VILLA DOLO	7099	6	BO	2163
	10	23	8	21	56.9506	1	5	46	13.634	27	37	20.48	4	9011	VILLA DOLO	7099	8	BO	878
	10	23	8	23	27.4040	1	8	47	1.478	-11	51	4.00	4	9007	AREQUIPA	7328	3	PL	1509
	10	23	8	23	43.4042	1	8	54	26.564	- 9	41	24.33	4	9007	AREQUIPA	7328	7	PL	1510
	10	23	18	43	14.2566	1	19	35	17.378	15	36	32.99	4	9002	OLIFANTS	9736	4	LT	600
	10	23	18	43	22.2576	1	19	40	20.300	15	7	39.98	4	9002	OLIFANTS	9736	5	LT	601
	10	24	1	10	35.7147	1	18	10	25.647	- 6	3	30.47	4	9007	AREQUIPA	7337	3	HC	1511
	10	24	1	37	55.8789	1	4	22	31.164	1	33	53.46	4	9002	OLIFANTS	9748	4	LT	598
	10	24	1	38	17.4346	1	4	51	27.084	4	26	24.04	4	9002	OLIFANTS	9748	9	LT	599
	10	24	8	10	56.7668	1	8	43	43.790	- 8	34	11.93	4	9007	AREQUIPA	7350	6	PL	1513
	10	24	8	11	8.7666	1	8	49	22.074	- 6	57	0.53	4	9007	AREQUIPA	7350	9	PL	1514
	10	24	18	31	46.8779	1	20	13	25.422	7	15	11.72	4	9002	OLIFANTS	9756	12	LT	597
	10	24	18	59	37.9392	1	5	31	34.583	33	51	27.61	4	9003	WOOMERA	11194	8	LD	4606
	10	24	18	59	45.9391	1	5	37	53.525	34	16	19.36	4	9003	WOOMERA	11194	10	LD	909
	10	25	1	26	7.2327	1	5	6	7.365	11	11	14.37	4	9002	OLIFANTS	9765	3	MY	1547
	10	25	1	26	11.2327	1	5	11	19.249	11	40	52.49	4	9002	OLIFANTS	9765	5	LT	596
	10	25	18	47	8.1507	1	5	22	14.049	36	37	33.93	4	9003	WOOMERA	11224	10	LD	1545
	10	25	18	47	20.1508	1	5	31	59.257	37	13	48.55	4	9003	WOOMERA	11224	13	LD	1546
	10	26	0	46	44.6368	1	18	24	15.769	-21	33	46.23	4	9007	AREQUIPA	7370	2	HC	3030
	10	26	1	15	29.0765	1	6	56	28.531	24	36	27.64	4	9002	OLIFANTS	9783	3	VD	594
	10	26	1	15	33.0766	1	6	59	46.164	24	47	57.11	4	9002	OLIFANTS	9783	4	VD	595
	10	26	18	9	6.5115	1	23	23	0.244	-23	40	2.95	4	9002	OLIFANTS	9789	9	VD	2230
	10	27	9	58	8.7210	1	10	40	12.828	-17	42	19.28	4	9010	JUPITER	7725	8	PG	1183
	10	27	9	58	24.7226	1	10	44	20.371	-16	38	19.62	4	9010	JUPITER	7725	10	PG	1184
	10	28	0	21	47.5664	1	18	18	21.930	-27	8	6.71	4	9007	AREQUIPA	7396	5	BN	4070
	10	28	0	22	3.5660	1	18	25	36.079	-30	1	52.51	4	9007	AREQUIPA	7396	9	BN	1519
	10	28	0	24	34.1400	1	20	3	3.415	12	2	17.88	4	9011	VILLA DOLO	7164	4	PG	1181
	10	28	0	24	46.1400	1	20	12	0.715	11	27	28.38	4	9011	VILLA DOLO	7164	7	PG	1182
	10	28	11	14	8.2214	1	19	27	20.847	4	4	52.59	4	9003	WOOMERA	11238	9	LD	910
	10	28	11	14	16.2212	1	19	31	50.097	3	34	25.00	4	9003	WOOMERA	11238	11	LD	911
	10	28	11	57	57.6421	1	10	45	8.482	-14	45	25.74	4	9001	ORGAN PASS	8002	4	VD	604
	10	28	11	58	5.6421	1	10	47	19.372	-14	16	46.79	4	9001	ORGAN PASS	8002	6	VD	605
	10	29	0	8	59.1952	1	18	8	25.618	-26	43	20.96	4	9007	AREQUIPA	7411	9	PL	2232

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	29	0	9	19.1949	1	18	16	45.703	-30	0	36.01	4	9007	AREQUIPA	7411	14	PL	2233
	10	29	0	12	11.6754	1	20	2	59.671	8	32	42.59	4	9011	VILLA DOLO	7185	3	GL	614
	10	29	0	12	19.6755	1	20	9	2.842	8	5	35.52	4	9011	VILLA DOLO	7185	5	GL	615
	10	29	9	21	45.9411	1	3	15	4.362	26	33	41.22	4	9007	AREQUIPA	7424	7	PL	2164
	10	29	9	21	53.9411	1	3	19	56.323	27	31	55.85	4	9007	AREQUIPA	7424	9	PL	4609
	10	29	11	44	48.8600	1	10	35	11.643	-15	33	59.78	4	9001	ORGAN PASS	8011	3	MY	606
	10	29	11	44	52.8598	1	10	36	20.721	-15	18	45.58	4	9001	ORGAN PASS	8011	4	MY	607
	10	29	23	56	18.2348	1	18	2	25.639	-27	46	47.55	4	9007	AREQUIPA	7425	3	BN	5289
	10	29	23	56	50.2343	1	18	15	50.142	-32	49	22.36	4	9007	AREQUIPA	7425	7	BN	2234
	10	30	0	0	1.5578	1	20	13	57.043	4	4	20.37	4	9011	VILLA DOLO	7203	4	MY	752
	10	30	0	0	9.5577	1	20	20	41.269	3	31	2.38	4	9011	VILLA DOLO	7203	6	MY	3142
	10	30	0	41	14.1349	3	10	21	39.507	-18	45	46.96	4	9008	SHIRAZ	9873	7	MW	2161
	10	30	0	41	18.1354	3	10	22	49.658	-18	28	21.47	4	9008	SHIRAZ	9873	8	MW	864
	10	30	9	12	20.6505	1	5	13	14.541	48	55	9.74	4	9007	AREQUIPA	7445	5	PL	1549
	10	30	9	19	30.6219	1	9	48	53.613	13	20	58.75	4	9009	CURACAO	6178	4	LD	856
	10	30	9	19	42.6220	1	9	54	57.825	14	17	44.80	4	9009	CURACAO	6178	7	LD	857
	10	30	10	49	27.2637	1	19	29	32.308	- 2	52	47.44	4	9003	WOOMERA	11276	5	LD	912
	10	30	10	49	35.2635	1	19	34	34.537	- 3	31	42.32	4	9003	WOOMERA	11276	7	LD	913
	10	30	23	47	38.2297	1	20	16	6.157	0	14	0.75	4	9011	VILLA DOLO	7230	4	VD	587
	10	30	23	47	50.2294	1	20	26	36.237	- 0	41	22.57	4	9011	VILLA DOLO	7230	7	VD	588
	10	31	11	17	41.1477	1	9	55	27.341	-21	49	19.51	4	9001	ORGAN PASS	8032	2	MY	608
	10	31	11	17	49.1474	1	9	58	14.691	-21	12	13.62	4	9001	ORGAN PASS	8032	4	MY	609
	10	31	15	34	54.9764	1	6	34	24.866	-17	58	20.08	4	9012	MAUI	8050	3	PG	1195
	10	31	15	34	56.9763	1	6	35	46.647	-17	46	18.86	4	9012	MAUI	8050	4	PG	1196
	11	1	10	24	34.3517	1	19	29	34.039	- 9	23	16.85	4	9003	WOOMERA	11300	7	SS	2917
	11	1	10	24	38.3517	1	19	32	13.223	- 9	44	52.97	4	9003	WOOMERA	11300	9	SS	2918
	11	1	11	5	44.2769	1	10	6	51.570	-18	3	5.36	4	9001	ORGAN PASS	8041	4	BZ	2569
	11	1	11	5	56.2768	1	10	10	56.317	-17	8	5.12	4	9001	ORGAN PASS	8041	7	BZ	2570
	11	1	15	27	48.9249	10	10	9	44.942	17	32	28.12	4	9012	MAUI	8059	5	WS	2555
	11	1	15	28	0.9246	10	10	16	12.128	18	16	0.65	4	9012	MAUI	8059	8	WS	2556
	11	2	8	41	35.8482	1	9	45	55.478	21	0	49.18	4	9009	CURACAO	6191	3	NG	2717
	11	2	10	14	11.9837	1	21	38	56.275	-26	5	52.41	4	9003	WOOMERA	11317	3	NG	2932
	11	2	10	14	19.9836	1	21	50	44.761	-26	54	45.05	4	9003	WOOMERA	11317	7	NG	4514
	11	2	10	52	25.1446	1	9	48	54.760	-20	53	32.75	4	9001	ORGAN PASS	8054	3	SC	3352
	11	2	10	52	37.1446	1	9	53	23.725	-19	53	16.87	4	9001	ORGAN PASS	8054	6	SC	3353
	11	3	1	27	0.4109	1	17	16	19.230	-77	8	20.35	4	9007	AREQUIPA	7505	3	NG	2700
	11	3	10	40	9.5447	1	9	53	42.924	-18	40	16.76	4	9001	ORGAN PASS	8066	6	BZ	3350
	11	3	10	40	25.5447	1	9	59	40.854	-17	19	43.32	4	9001	ORGAN PASS	8066	10	BZ	3351
	11	3	15	2	8.7934	10	9	59	10.547	20	15	9.80	4	9012	MAUI	8074	3	SC	2557
	11	3	15	2	12.7934	10	10	1	39.707	20	29	58.66	4	9012	MAUI	8074	5	SC	2558
	11	3	23	36	31.6480	1	9	31	24.978	-24	19	19.88	4	9008	SHIRAZ	9927	4	FI	2710
	11	3	23	44	42.7966	1	10	34	53.725	12	11	39.62	4	9006	NAIN TAL	5214	4	NG	3300
	11	4	8	17	56.4399	1	10	35	37.525	29	47	50.86	4	9009	CURACAO	6200	4	HB	3065
	11	4	8	18	12.4403	1	10	42	51.140	30	10	54.52	4	9009	CURACAO	6200	6	HB	2719
	11	4	10	32	53.5373	1	9	44	55.232	18	40	18.88	4	9010	JUPITER	7765	5	PB	8179

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION			FRAME	NO.	MS	OBS.NO.
1962	11	4	10	33	1.5379	1	9	50	19.816	19	9	31.07	4	9010	JUPITER		7765	7	KA	544
	11	4	14	49	54.3911	10	10	15	12.415	23	31	19.11	4	9012	MAUI		8084	3	SC	2559
	11	4	14	50	6.3906	10	10	22	22.814	24	4	27.54	4	9012	MAUI		8084	6	SC	2560
	11	4	18	34	57.0882	1	2	33	13.102	-68	15	39.97	4	9002	OLIFANTS		9874	4	BZ	3220
	11	4	18	35	25.0873	1	3	32	51.314	-61	55	28.40	4	9002	OLIFANTS		98740	11	BZ	3221
	11	4	19	11	29.8791	1	10	16	28.646	- 5	1	15.50	4	9005	TOKYO		6749	3	NG	2468
	11	4	19	11	53.8800	1	10	27	4.028	- 3	25	52.04	4	9005	TOKYO		6749	6	NG	3059
	11	5	8	4	29.2151	1	10	9	48.665	30	21	42.72	4	9009	CURACAO		6205	4	TJ	2720
	11	5	8	4	37.2154	1	10	14	17.008	30	36	14.84	4	9009	CURACAO		6205	5	TJ	3066
	11	5	14	37	34.5471	10	10	27	48.386	26	2	24.92	4	9012	MAUI		8096	3	SC	2561
	11	5	14	37	42.5469	10	10	32	29.629	26	19	0.58	4	9012	MAUI		8096	5	SC	2562
	11	5	18	23	18.5591	1	3	42	56.062	-55	46	51.93	4	9002	OLIFANTS		9898	5	BZ	3222
	11	5	18	23	34.5583	1	3	59	42.159	-52	12	22.86	4	9002	OLIFANTS		9898	9	BZ	3223
	11	5	18	58	55.1599	1	10	17	20.505	- 4	19	47.49	4	9005	TOKYO		6763	2	NG	2470
	11	5	18	59	11.1598	1	10	24	37.257	- 3	15	15.96	4	9005	TOKYO		6763	4	PB	2471
	11	6	1	31	13.5881	1	11	2	55.906	21	7	13.84	4	9008	SHIRAZ		9960	9	FI	2711
	11	6	10	1	47.1156	1	9	28	13.977	-21	7	12.07	4	9001	ORGAN PASS		8076	3	BZ	3348
	11	6	10	2	3.1153	1	9	35	19.335	-19	32	5.97	4	9001	ORGAN PASS		8076	7	BZ	3349
	11	6	12	20	44.4870	1	10	43	26.367	17	58	41.25	4	9001	ORGAN PASS		8085	3	BZ	3346
	11	6	12	21	0.4871	1	10	52	34.308	18	28	39.25	4	9001	ORGAN PASS		8085	7	BZ	3347
	11	6	18	46	1.0911	1	10	8	35.892	- 5	8	5.11	4	9005	TOKYO		6783	2	PB	2472
	11	6	18	46	25.0922	1	10	20	6.925	- 3	25	53.93	4	9005	TOKYO		6783	5	PB	2473
	11	7	0	36	13.9226	1	18	0	2.046	-72	22	28.26	4	9007	AREQUIPA		7567	8	NG	2701
	11	7	11	26	57.2768	1	19	39	29.979	-31	39	45.40	4	9003	WOOMERA		11388	2	SS	2921
	11	7	11	27	17.2763	1	19	54	11.842	-33	26	59.64	4	9003	WOOMERA		11388	7	SS	2922
	11	7	14	13	3.4803	1	10	56	19.572	29	54	50.18	4	9012	MAUI		8109	4	KA	2563
	11	7	14	13	11.4804	1	11	0	28.246	29	59	37.25	4	9012	MAUI		8109	6	KA	2564
	11	7	18	33	57.3579	1	10	23	40.879	- 2	30	12.84	4	9005	TOKYO		6797	4	PB	2474
	11	8	11	14	13.3705	1	19	34	32.998	-31	31	27.71	4	9003	WOOMERA		11405	1	SS	2923
	11	8	11	14	25.3701	1	19	42	40.582	-32	27	18.04	4	9003	WOOMERA		11405	4	SS	2924
	11	8	11	54	42.1499	1	10	20	52.920	17	39	17.20	4	9001	ORGAN PASS		8117	2	SC	3354
	11	8	11	54	46.1499	1	10	23	36.975	17	48	14.50	4	9001	ORGAN PASS		8117	4	KA	3355
	11	9	0	11	35.8994	1	19	38	29.863	-31	3	49.38	4	9011	VILLA DOLO		7330	3	KA	2725
	11	9	0	11	51.8992	1	19	50	25.672	-32	14	33.61	4	9011	VILLA DOLO		7330	7	KA	3067
	11	9	18	8	49.6860	1	10	23	55.080	- 1	48	6.49	4	9005	TOKYO		6817	7	SS	2476
	11	10	9	18	31.1270	10	8	45	58.707	76	58	37.10	4	9009	CURACAO		6249	5	CB	2722
	11	10	9	19	5.0595	1	11	18	42.315	28	31	10.10	4	9010	JUPITER		7811	7	PB	8177
	11	10	9	19	13.0605	1	11	22	58.093	28	27	43.05	4	9010	JUPITER		7811	8	PB	8178
	11	10	11	30	44.8036	1	11	14	38.721	20	2	55.53	4	9001	ORGAN PASS		8153	6	KA	3356
	11	10	11	30	48.8036	1	11	16	49.014	20	4	56.77	4	9001	ORGAN PASS		8153	7	KA	3357
	11	10	20	10	25.1202	1	8	34	49.697	17	49	58.23	4	9005	TOKYO		6826	3	KA	2477
	11	10	20	10	45.0929	1	8	53	30.539	18	52	50.39	4	9005	TOKYO		6826	7	KA	2478
	11	11	4	48	53.4977	1	10	41	59.057	10	28	34.60	4	9004	SAN FERNAN		6828	4	WS	3215
	11	12	10	26	6.5654	1	22	5	48.983	-37	28	40.00	4	9003	WOOMERA		11456	10	HB	4513
	11	12	19	47	51.7841	1	10	58	43.615	21	4	59.44	4	9005	TOKYO		6866	8	CB	2479

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	12	19	48	7.7870	1	11	9	42.303	20	54	16.79	4	9005	TOKYO	6866 12	CB	2480
	11	13	0	5	49.1848	1	8	16	56.145	46	55	14.82	4	9006	NAIN TAL	5322 6	KA	2708
	11	13	0	6	13.1858	1	8	51	12.188	47	32	58.22	4	9006	NAIN TAL	5322 12	KA	3064
	11	13	23	56	25.1820	1	11	57	9.887	39	39	17.96	4	9006	NAIN TAL	5344 4	HB	4515
	11	14	1	25	47.2682	1	20	35	55.708	- 8	43	49.92	4	9011	VILLA DOLO	7393 5	CB	2727
	11	14	1	25	51.2684	1	20	38	8.540	- 8	31	24.00	4	9011	VILLA DOLO	7393 6	CB	2728
	11	14	15	2	16.6380	1	12	20	36.318	61	51	17.34	4	9012	MAUI	8204 3	KA	2565
	11	14	15	2	20.6380	1	12	23	25.802	61	22	59.55	4	9012	MAUI	8204 5	KA	2566
	11	14	23	43	30.4846	1	11	50	28.240	40	14	42.18	4	9006	NAIN TAL	5363 4	HB	3307
	11	14	23	43	38.4847	1	11	55	58.681	39	34	59.04	4	9006	NAIN TAL	5363 6	HB	3308
	11	15	1	12	44.2345	1	20	21	17.948	- 9	47	3.61	4	9011	VILLA DOLO	7408 3	CB	2729
	11	15	1	12	52.2342	1	20	25	18.428	- 9	25	25.30	4	9011	VILLA DOLO	7408 4	WS	2730
	11	15	12	2	56.3980	1	20	32	11.106	- 5	54	15.71	4	9003	WOOMERA	11491 5	HB	2928
	11	15	12	3	4.3977	1	20	35	59.125	- 5	25	59.56	4	9003	WOOMERA	11491 7	HB	2929
	11	16	1	0	34.5604	1	20	3	56.744	-56	15	47.22	4	9007	AREQUIPA	7620 3	NG	2703
	11	16	1	0	42.5600	1	20	10	32.078	-56	46	28.32	4	9007	AREQUIPA	7620 4	NG	3063
	11	16	11	50	28.1336	1	20	34	54.693	- 5	4	4.68	4	9003	WOOMERA	11501 3	NG	2930
	11	16	11	50	32.1337	1	20	36	48.814	- 4	49	19.62	4	9003	WOOMERA	11501 4	NG	2931
	11	17	0	48	10.9051	1	20	22	54.858	-55	45	10.57	4	9007	AREQUIPA	7629 2	NG	2705
	11	17	10	8	57.4834	1	12	45	11.744	39	3	27.61	4	9010	JUPITER	7885 9	PB	9782
	11	17	14	24	51.6999	1	12	54	22.495	57	58	59.79	4	9012	MAUI	8242 4	BZ	2567
	11	17	14	24	59.7000	1	12	57	17.974	56	54	25.13	4	9012	MAUI	8242 6	BZ	2568
	11	18	0	37	42.6281	1	22	3	10.576	4	0	0.46	4	9011	VILLA DOLO	7426 14	LE	3294
	11	18	0	37	46.6279	1	22	6	5.403	4	24	38.10	4	9011	VILLA DOLO	7426 15	LE	3295
	11	18	5	37	54.1498	1	11	20	8.210	13	16	46.41	4	9004	SAN FERNAN	69090 4	WS	3216
	11	18	5	38	14.1500	1	11	33	9.725	12	26	30.95	4	9004	SAN FERNAN	69090 9	WS	3217
	11	18	11	25	42.9759	1	20	47	21.852	- 2	11	16.38	4	9003	WOOMERA	11517 6	SS	2919
	11	18	11	25	58.9756	1	20	55	21.646	- 1	1	6.18	4	9003	WOOMERA	11517 10	SS	2920
	11	18	18	33	21.1838	1	11	44	49.889	13	25	27.53	4	9005	TOKYO	6873 4	CB	3061
	11	18	18	33	37.1836	1	11	52	19.805	12	56	3.39	4	9005	TOKYO	6873 6	CB	2482
	11	19	0	23	26.7749	1	21	6	37.271	-53	21	38.50	4	9007	AREQUIPA	7645 3	NG	2706
	11	19	0	23	46.7750	1	21	26	59.541	-53	37	46.47	4	9007	AREQUIPA	7645 8	NG	2707
	11	19	5	25	38.1715	1	11	33	0.789	10	25	37.45	4	9004	SAN FERNAN	69290 4	WS	3218
	11	19	5	25	50.1717	1	11	40	12.511	9	55	37.46	4	9004	SAN FERNAN	69290 7	WS	3219
	11	20	0	9	52.1070	1	20	31	15.039	- 6	40	56.87	4	9011	VILLA DOLO	7437 3	LE	3296
	11	20	0	10	24.1069	1	20	47	3.600	- 4	46	16.76	4	9011	VILLA DOLO	7437 7	LE	3297
	11	20	17	28	53.1272	1	21	22	58.819	-20	31	33.76	4	9002	OLIFANTS	9958 6	BZ	3224
	11	20	17	29	21.1965	1	21	43	16.526	-18	41	49.76	4	9002	OLIFANTS	9958 10	BZ	3225
	11	21	0	1	51.3640	1	23	16	43.927	17	29	24.32	4	9011	VILLA DOLO	7441 4	NG	3298
	11	21	0	2	3.3642	1	23	25	1.299	18	38	14.41	4	9011	VILLA DOLO	7441 7	NG	3299
	11	21	0	39	53.7091	3	12	29	32.334	27	13	20.61	4	9008	SHIRAZ	10165 3	FI	2712
	11	21	10	47	6.2478	1	20	28	8.284	- 2	49	12.49	4	9003	WOOMERA	11530 2	NG	2934
	11	21	10	47	34.2476	1	20	40	8.140	- 1	2	23.06	4	9003	WOOMERA	11530 9	NG	2935
	11	22	0	27	24.6364	3	12	30	4.084	25	10	50.05	4	9008	SHIRAZ	10184 2	FI	2713
	11	22	0	27	36.6370	3	12	34	29.128	23	59	49.89	4	9008	SHIRAZ	10184 5	FI	2714

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	22	10	36	36.1526	1	21	27	25.849	7	33	59.14	4	9003	WOOMERA	11541	5	NG	2715
	11	22	10	36	44.1525	1	21	31	30.512	8	15	29.13	4	9003	WOOMERA	11541	7	NG	2716
	11	23	19	46	14.8831	1	10	48	6.527	- 3	54	43.96	4	9005	TOKYO	6907	10	KA	2483
	11	25	19	21	26.0973	1	10	52	56.369	-10	25	30.96	4	9005	TOKYO	6927	5	FI	4512
	11	25	19	21	34.0965	1	10	58	45.939	-10	41	18.77	4	9005	TOKYO	6927	6	FI	3062
	11	26	12	42	24.3604	1	10	3	35.579	-14	49	3.55	4	9001	ORGAN PASS	8334	2	TJ	3360
	11	26	12	42	34.3630	1	10	12	6.789	-15	22	21.38	4	9001	ORGAN PASS	8334	7	TJ	3361
	11	27	12	30	9.6611	1	10	12	45.792	-19	11	33.55	4	9001	ORGAN PASS	8349	4	BZ	2571
	11	27	12	30	17.6609	1	10	19	24.043	-19	34	26.27	4	9001	ORGAN PASS	8349	8	NG	2572
	11	28	12	17	6.7301	1	9	37	59.140	-20	57	20.85	4	9001	ORGAN PASS	8363	3	TJ	3362
	11	28	12	17	14.7300	1	9	45	32.776	-21	23	38.05	4	9001	ORGAN PASS	8363	7	SE	3363
	11	28	23	5	36.5609	1	11	40	38.293	- 9	51	36.26	4	9006	NAIN TAL	5559	6	SS	3309
	11	30	0	26	13.9068	1	21	50	33.798	-33	22	43.08	4	9009	CURACAO	6439	2	KA	2723
	11	30	0	26	17.9070	1	21	52	21.424	-33	16	0.74	4	9009	CURACAO	6439	3	KA	2724
	11	30	22	40	44.2325	1	11	34	8.983	-16	18	55.08	4	9006	NAIN TAL	5589	6	SS	4516
	11	30	22	40	52.2327	1	11	38	45.243	-16	37	57.61	4	9006	NAIN TAL	5589	8	SS	3311
	12	1	0	13	46.9746	1	21	52	23.589	-30	6	59.63	4	9009	CURACAO	6446	6	MY	5619
	12	1	0	13	54.9750	1	21	55	59.733	-29	49	54.66	4	9009	CURACAO	6446	7	MY	5620
	12	2	0	0	58.8368	1	21	45	25.505	-27	27	32.98	4	9009	CURACAO	6453	3	MY	5621
	12	2	0	1	22.8364	1	21	55	45.286	-26	29	27.53	4	9009	CURACAO	6453	6	MY	5622
	12	2	9	21	47.7418	1	12	33	52.866	9	17	56.47	4	9009	CURACAO	6462	5	MY	6429
	12	2	9	21	51.7417	1	12	36	3.416	8	38	35.40	4	9009	CURACAO	6462	6	PK	5623
	12	3	15	38	49.8781	1	9	25	6.311	-31	51	8.31	4	9012	MAUI	8349	3	VD	7881
	12	4	6	8	33.9346	1	21	51	2.897	-22	28	33.36	4	9012	MAUI	8354	3	YK	6436
	12	4	6	8	37.9346	1	21	52	28.661	-22	20	13.30	4	9012	MAUI	8354	4	YK	5709
	12	4	15	26	30.7365	1	9	25	59.024	-36	33	14.03	4	9012	MAUI	8358	3	YK	5710
	12	4	15	26	32.7366	1	9	28	9.619	-36	43	7.70	4	9012	MAUI	8358	4	YK	5711
	12	5	5	55	57.0695	1	21	48	5.250	-19	35	15.91	4	9012	MAUI	8363	5	YK	5712
	12	5	5	56	5.0695	1	21	50	55.442	-19	16	29.26	4	9012	MAUI	8363	7	YK	7089
	12	5	15	15	2.2395	1	10	19	14.060	-43	37	1.01	4	9012	MAUI	8371	3	YK	5714
	12	5	15	15	10.2694	1	10	26	55.858	-43	54	49.38	4	9012	MAUI	8371	6	YK	6564
	12	6	5	43	15.6979	1	21	44	2.203	-16	47	2.43	4	9012	MAUI	8374	3	HC	5716
	12	6	5	43	27.6977	1	21	48	14.374	-16	16	6.88	4	9012	MAUI	8374	6	HC	5717
	12	6	23	3	4.3295	1	0	26	50.253	16	20	51.36	4	9009	CURACAO	6488	5	PL	5624
	12	6	23	3	8.3294	1	0	29	39.433	16	44	1.11	4	9009	CURACAO	6488	6	PL	5625
	12	8	1	0	46.3488	1	0	54	40.875	-23	36	8.68	4	9001	ORGAN PASS	8468	7	BN	6558
	12	8	1	0	50.3492	1	0	56	33.273	-23	24	45.24	4	9001	ORGAN PASS	8468	8	BN	6028
	12	8	3	13	42.9566	1	22	13	5.679	-14	21	38.02	4	9001	ORGAN PASS	8474	5	BN	6029
	12	8	3	13	50.9556	1	22	15	43.738	-14	8	22.52	4	9001	ORGAN PASS	8474	7	BN	6030
	12	9	5	5	26.4876	1	21	40	3.657	- 7	7	24.31	4	9012	MAUI	8394	6	HC	6437
	12	10	4	53	1.0884	1	21	43	43.339	- 3	3	22.13	4	9012	MAUI	8402	3	LD	7091
	12	10	4	53	9.0880	1	21	46	36.395	- 2	35	12.06	4	9012	MAUI	8402	5	LD	5829
	12	11	2	35	32.6477	1	21	58	12.209	- 7	23	42.96	4	9001	ORGAN PASS	8517	4	BN	7080
	12	11	2	35	40.6472	1	22	0	46.300	- 7	7	19.35	4	9001	ORGAN PASS	8517	6	BN	6032
	12	11	13	22	22.4055	1	22	14	19.514	- 6	34	51.61	4	9006	NAIN TAL	5701	3	PL	5681

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1962	12	12	8	50	20.0555	1	23	3	56.228	-14	32	40.27	4	9005	TOKYO	7076	9	PL	5245
	12	13	6	33	0.0777	1	20	56	25.732	26	48	10.25	4	9012	MAUI	8413	4	HC	6440
	12	13	12	56	24.9558	1	21	58	38.369	- 2	11	19.99	4	9006	NAIN TAL	5716	3	BA	5681
	12	13	12	56	32.9560	1	22	1	31.421	- 1	49	52.87	4	9006	NAIN TAL	5716	4	BA	5682
	12	13	19	29	31.7002	1	22	17	29.494	- 4	35	48.79	4	9004	SAN FERNAN	7095	4	LT	6428
	12	13	19	29	47.7003	1	22	23	16.676	- 4	6	41.22	4	9004	SAN FERNAN	7095	6	LT	5610
	12	13	23	45	32.3515	1	21	33	30.631	4	37	8.92	4	9010	JUPITER	8045	5	MY	5686
	12	13	23	45	56.3522	1	21	41	30.062	5	52	30.65	4	9010	JUPITER	8045	8	MY	5687
	12	14	1	58	3.4279	1	22	3	8.438	1	38	22.97	4	9001	ORGAN PASS	8531	11	VD	6033
	12	14	1	58	11.4296	1	22	6	1.163	1	58	42.99	4	9001	ORGAN PASS	8531	13	VD	6034
	12	14	12	47	12.3313	10	23	33	47.237	11	41	56.88	4	9006	NAIN TAL	5726	4	HC	5634
	12	14	12	47	46.0929	10	23	53	34.589	13	34	17.48	4	9006	NAIN TAL	5726	10	HC	5635
	12	14	19	16	47.3258	10	22	14	53.678	- 2	14	2.04	4	9004	SAN FERNAN	7105	3	LT	5611
	12	14	19	16	55.3254	10	22	17	45.983	- 1	58	57.96	4	9004	SAN FERNAN	7105	4	LT	5612
	12	15	1	44	30.4978	1	21	44	51.111	2	10	19.37	4	9001	ORGAN PASS	8543	3	VD	6035
	12	15	1	44	38.4999	1	21	47	26.529	2	29	31.61	4	9001	ORGAN PASS	8543	5	VD	6036
	12	15	23	22	45.3335	1	20	38	51.427	42	39	12.21	4	9009	CURACAO	6532	5	PL	5626
	12	15	23	22	53.3337	1	20	40	55.137	43	16	43.03	4	9009	CURACAO	6532	7	PL	5627
	12	16	1	37	53.7982	1	21	11	36.725	22	59	18.05	4	9010	JUPITER	8063	5	VD	5616
	12	16	5	55	9.6844	1	20	54	42.306	33	42	12.34	4	9012	MAUI	8445	4	PL	5831
	12	16	5	55	25.6842	1	20	58	35.196	34	53	49.43	4	9012	MAUI	8445	8	PL	5832
	12	16	14	34	38.0117	1	0	32	1.533	25	48	31.66	4	9008	SHIRAZ	10428	7	HC	5719
	12	16	23	10	33.1062	1	20	48	11.884	47	0	10.69	4	9009	CURACAO	6542	5	PL	6430
	12	16	23	10	49.1062	1	20	53	8.132	48	14	57.52	4	9009	CURACAO	6542	7	PL	5629
	12	17	2	4	12.6128	1	10	25	34.367	35	13	31.44	4	9002	OLIFANTS	10265	11	BA	5679
	12	17	2	4	35.5182	1	10	53	15.116	31	35	21.99	4	9002	OLIFANTS	10265	15	BA	7066
	12	17	14	23	50.0975	1	21	34	36.223	24	34	27.95	4	9006	NAIN TAL	5767	6	MY	5684
	12	17	14	24	14.1131	1	21	42	12.352	25	57	45.62	4	9006	NAIN TAL	5767	9	MY	5685
	12	17	18	38	54.7184	1	22	19	28.141	5	37	8.70	4	9004	SAN FERNAN	7127	7	VD	5613
	12	18	1	12	56.2651	1	21	15	24.461	27	56	49.59	4	9010	JUPITER	8077	5	VD	5617
	12	18	1	13	12.2653	1	21	19	31.130	28	51	56.56	4	9010	JUPITER	8077	7	VD	5618
	12	18	14	10	48.9317	1	21	29	22.416	25	26	40.69	4	9006	NAIN TAL	5777	6	VD	6042
	12	18	14	10	56.9320	1	21	31	49.763	25	52	35.99	4	9006	NAIN TAL	5777	7	VD	6043
	12	18	18	25	35.5120	1	22	7	1.604	6	49	19.26	4	9004	SAN FERNAN	7139	4	LT	5614
	12	18	18	25	51.5120	1	22	12	55.526	7	21	16.96	4	9004	SAN FERNAN	7139	6	LT	5615
	12	18	20	42	36.1284	1	21	55	50.899	13	8	5.77	4	9004	SAN FERNAN	7144	5	DM	5239
	12	18	20	42	44.1286	1	21	58	7.646	13	20	7.49	4	9004	SAN FERNAN	7144	6	DM	5240
	12	19	1	42	56.2013	1	13	44	46.750	- 2	18	38.50	4	9002	OLIFANTS	10291	3	MY	5584
	12	19	1	43	12.2016	1	13	53	51.189	- 3	51	48.63	4	9002	OLIFANTS	10291	7	MY	5585
	12	19	5	16	41.6992	1	20	50	53.417	38	22	10.08	4	9012	MAUI	8461	3	PL	5833
	12	19	5	16	57.6991	1	20	55	23.300	39	26	50.93	4	9012	MAUI	8461	7	PL	5834
	12	19	13	57	32.2996	1	21	20	13.384	25	36	33.44	4	9006	NAIN TAL	5788	4	LT	6044
	12	19	18	19	2.2881	1	1	18	18.368	18	48	43.06	4	9004	SAN FERNAN	7152	6	PL	5241
	12	19	18	19	6.2881	1	1	20	47.418	18	50	27.06	4	9004	SAN FERNAN	7152	7	PL	5242
	12	20	1	27	5.4681	1	10	20	20.262	31	42	46.81	4	9002	OLIFANTS	10313	8	YK	5586

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	20	1	27	7.4680	1	10	23	18.254	31	20	1.39	4	9002	OLIFANTS	10313	9	YK	5587
	12	20	1	30	7.5093	1	13	31	50.221	- 1	20	26.86	4	9002	OLIFANTS	10314	7	YK	5588
	12	20	1	30	11.5093	1	13	34	25.184	- 1	47	34.84	4	9002	OLIFANTS	10314	8	YK	5589
	12	20	5	4	22.3476	10	21	0	12.704	41	58	25.30	4	9012	MAUI	8464	4	HC	5835
	12	20	13	45	15.9513	1	21	30	10.159	28	50	45.36	4	9006	NAIN TAL	5794	4	LT	6045
	12	20	13	45	23.9515	1	21	32	50.132	29	15	9.74	4	9006	NAIN TAL	5794	5	LT	6046
	12	21	0	34	52.4886	1	21	19	34.482	33	27	0.68	4	9010	JUPITER	8111	6	VD	6040
	12	21	0	35	0.4890	1	21	22	3.369	33	52	45.08	4	9010	JUPITER	8111	7	VD	6041
	12	21	1	15	10.4699	1	10	59	51.767	24	22	19.34	4	9002	OLIFANTS	10326	5	YK	7087
	12	21	1	15	14.4702	1	11	5	35.806	23	28	25.01	4	9002	OLIFANTS	10326	6	YK	6425
	12	21	13	32	28.6385	1	21	31	38.110	30	29	18.61	4	9006	NAIN TAL	5806	3	LT	6562
	12	21	13	32	36.6388	1	21	34	25.526	30	52	40.38	4	9006	NAIN TAL	5806	4	LT	6047
	12	21	18	37	11.2582	1	12	28	52.983	6	47	18.00	4	9003	WOOMERA	11981	7	DU	5604
	12	21	18	37	19.2578	1	12	37	33.973	5	34	27.55	4	9003	WOOMERA	11981	9	DU	5605
	12	21	20	5	15.0942	1	22	12	8.615	18	26	45.93	4	9004	SAN FERNAN	7177	5	PL	5243
	12	21	20	5	23.0944	1	22	14	58.364	18	37	42.58	4	9004	SAN FERNAN	7177	6	PL	5244
	12	22	2	33	31.3086	1	21	45	38.257	25	30	20.55	4	9001	ORGAN PASS	8583	5	YK	6972
	12	23	0	52	11.9755	1	13	4	16.572	- 1	17	1.95	4	9002	OLIFANTS	10353	6	YK	5592
	12	23	0	52	15.9753	1	13	7	30.392	- 1	49	0.25	4	9002	OLIFANTS	10353	7	YK	6426
	12	23	2	20	26.3111	1	21	41	13.245	26	11	9.16	4	9001	ORGAN PASS	8596	3	DU	6415
	12	23	6	45	8.8495	1	21	37	16.893	44	16	50.65	4	9012	MAUI	8486	6	HC	6441
	12	23	6	45	16.8492	1	21	39	41.604	44	41	7.31	4	9012	MAUI	8486	7	HC	5837
	12	23	13	7	36.9233	1	21	54	44.165	35	31	37.38	4	9006	NAIN TAL	5833	9	LT	6048
	12	23	15	18	49.3237	1	21	54	10.414	34	48	32.46	4	9008	SHIRAZ	10471	6	LD	5720
	12	24	2	8	2.9215	1	21	51	39.506	28	11	16.49	4	9001	ORGAN PASS	8612	6	YK	6038
	12	24	2	8	18.9221	1	21	57	30.657	28	41	26.35	4	9001	ORGAN PASS	8612	8	YK	6039
	12	24	8	38	56.4560	1	0	57	36.128	27	25	3.57	4	9005	TOKYO	7198	9	DU	5246
	12	24	8	39	36.4561	1	1	22	19.919	26	53	25.88	4	9005	TOKYO	7198	14	DU	5247
	12	24	10	51	35.3055	1	22	28	11.810	19	4	26.47	4	9005	TOKYO	7208	4	MY	5248
	12	24	10	52	7.3074	1	22	39	37.112	19	16	49.23	4	9005	TOKYO	7208	6	MY	5278
	12	24	12	56	37.1872	1	22	54	39.544	40	49	54.03	4	9006	NAIN TAL	5844	11	LT	6563
	12	24	12	56	53.1875	1	23	4	3.174	41	20	11.27	4	9006	NAIN TAL	5844	13	LT	6049
	12	25	10	38	31.2476	1	22	23	31.981	19	31	48.40	4	9005	TOKYO	7224	3	MY	5249
	12	25	10	39	3.2492	1	22	34	45.913	19	41	45.61	4	9005	TOKYO	7224	5	MY	5250
	12	25	12	49	57.0654	1	3	10	14.658	36	0	2.53	4	9006	NAIN TAL	5860	4	LT	6433
	12	25	12	50	13.0658	1	3	19	35.735	35	5	42.11	4	9006	NAIN TAL	5860	6	LT	6051
	12	25	14	52	27.4784	1	21	44	42.584	35	23	36.28	4	9008	SHIRAZ	10481	4	LD	5721
	12	25	17	47	48.9834	1	12	55	17.709	- 0	47	30.37	4	9003	WOOMERA	12031	9	HC	5606
	12	26	6	7	8.0194	1	21	54	18.262	46	46	56.86	4	9012	MAUI	8510	7	HC	5598
	12	26	6	7	12.0192	1	21	55	49.832	46	56	46.01	4	9012	MAUI	8510	8	HC	5599
	12	26	10	26	28.6840	1	22	41	16.162	20	8	23.01	4	9005	TOKYO	7235	4	BN	5251
	12	26	10	26	44.6853	1	22	47	24.177	20	8	54.23	4	9005	TOKYO	7235	5	BN	5252
	12	26	14	47	24.7268	1	22	25	55.903	28	57	34.04	4	9006	NAIN TAL	5882	5	YK	6052
	12	26	14	47	32.7270	1	22	28	49.167	29	3	23.53	4	9006	NAIN TAL	5882	6	YK	6053
	12	26	17	35	22.5485	1	12	53	50.866	- 1	48	48.81	4	9003	WOOMERA	12038	7	DU	5607

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1962	12	26	17	35	26.5485	1	12	58	3.500	- 2	16	18.30	4	9003	WOOMERA	12038	9	DU	5608
	12	27	1	30	27.1784	1	22	23	42.055	32	13	26.53	4	9001	ORGAN PASS	8621	6	LT	5669
	12	27	1	30	35.1767	1	22	27	14.324	32	22	58.80	4	9001	ORGAN PASS	8621	7	LT	5670
	12	27	5	55	33.7579	1	22	32	17.104	49	48	13.03	4	9012	MAUI	8520	6	PL	5600
	12	27	5	55	37.7578	1	22	34	18.407	49	56	47.55	4	9012	MAUI	8520	7	PL	5601
	12	27	23	14	6.7320	1	1	18	48.904	68	31	3.94	4	9009	CURACAO	6607	6	HC	5630
	12	27	23	14	22.7322	1	1	35	23.770	68	18	59.68	4	9009	CURACAO	6607	8	HC	5631
	12	28	1	17	32.7523	1	22	27	1.055	32	40	21.72	4	9001	ORGAN PASS	8628	4	LT	5671
	12	28	1	17	36.7529	1	22	28	48.172	32	44	14.86	4	9001	ORGAN PASS	8628	5	LT	5672
	12	28	5	42	55.5494	1	22	44	35.534	49	57	10.15	4	9012	MAUI	8527	6	LU	5722
	12	28	16	33	5.6221	1	22	41	1.188	25	4	54.97	4	9008	SHIRAZ	10511	5	MY	6434
	12	28	16	33	13.6219	1	22	43	51.749	25	3	38.32	4	9008	SHIRAZ	10511	6	MY	6054
	12	29	1	11	43.3631	1	2	20	45.516	25	41	35.10	4	9001	ORGAN PASS	8632	3	LT	5673
	12	29	1	11	47.3629	1	2	22	53.244	25	29	31.09	4	9001	ORGAN PASS	8632	4	LT	5674
	12	29	1	54	32.5134	1	15	32	3.760	-51	36	7.31	4	9002	OLIFANTS	10379	7	PL	6427
	12	29	1	54	43.3645	1	15	38	15.034	-49	25	40.96	4	9002	OLIFANTS	10379	9	PL	5594
	12	29	3	22	27.2146	1	22	47	32.238	17	40	41.54	4	9001	ORGAN PASS	8641	6	V	5675
	12	29	3	22	43.2176	1	22	52	44.126	17	27	2.37	4	9001	ORGAN PASS	8641	8	VD	5676
	12	30	1	4	21.2585	1	23	5	4.659	46	43	12.94	4	9009	CURACAO	6620	4	HC	6431
	12	30	1	4	37.2586	1	23	11	47.026	46	59	15.53	4	9009	CURACAO	6620	6	HC	5633
	12	30	1	41	51.0416	1	15	26	57.417	-54	26	10.62	4	9002	OLIFANTS	10398	10	HC	5596
	12	30	1	41	55.0408	1	15	29	29.162	-53	29	51.99	4	9002	OLIFANTS	10398	11	HC	5597
	12	30	3	9	24.8382	1	22	44	15.903	17	36	2.14	4	9001	ORGAN PASS	8653	3	VD	5677
	12	31	1	29	38.0614	1	15	36	53.972	-50	53	12.33	4	9002	OLIFANTS	10414	6	DU	5602
	12	31	1	29	46.0612	1	15	40	18.800	-49	9	8.08	4	9002	OLIFANTS	10414	8	DU	5603
	12	31	2	57	11.4008	1	22	57	11.312	16	34	11.26	4	9001	ORGAN PASS	8667	4	VD	5678
	12	31	11	40	50.8991	1	23	37	38.980	- 0	26	12.60	4	9005	TOKYO	7261	5	BN	5253
	12	31	11	41	38.9019	1	23	51	33.291	- 2	35	31.74	4	9005	TOKYO	7261	8	BN	5254

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1962	7	1	10	6	5.2631	1	7	5	42.186	-71	34	19.30	4	9003	WOOMERA	10044	2	DM	1903
	7	1	10	6	24.7800	1	7	6	50.655	-74	16	58.01	4	9003	WOOMERA	10044	7	DM	1904
	7	1	18	1	22.9226	1	7	2	57.570	-78	38	27.75	4	9002	OLIFANTS	8115	3	GL	2640
	7	1	18	1	54.9226	1	6	50	44.542	-82	39	36.85	4	9002	OLIFANTS	8115	7	GL	1900
	7	1	20	35	33.4054	3	23	34	14.880	4	6	11.98	4	9008	SHIRAZ	8408	2	VD	1926
	7	1	22	38	32.4268	3	23	42	54.623	43	56	41.51	4	9008	SHIRAZ	8413	3	MW	1927
	7	1	22	38	40.4265	3	23	50	6.502	44	16	27.91	4	9008	SHIRAZ	8413	5	MW	1928
	7	2	8	26	52.7288	1	23	35	6.270	20	29	22.79	4	9001	ORGAN PASS	6894	3	MW	1872
	7	2	8	27	0.7286	1	23	39	47.895	21	3	29.23	4	9001	ORGAN PASS	6894	7	MW	1873
	7	2	9	42	29.8944	1	6	36	47.493	-80	58	32.04	4	9003	WOOMERA	10050	5	DM	1905
	7	2	9	42	49.4272	1	6	28	30.133	-83	54	55.78	4	9003	WOOMERA	10050	9	DM	1906
	7	2	10	28	28.1259	1	19	53	58.453	52	55	20.07	4	9001	ORGAN PASS	6906	5	PK	1874
	7	2	10	28	34.1250	1	19	59	0.232	53	52	36.26	4	9001	ORGAN PASS	6906	8	PK	1875
	7	2	17	36	50.6447	1	6	22	14.862	-79	46	26.55	4	9002	OLIFANTS	8123	3	GL	1901
	7	2	17	37	22.6446	1	5	50	28.293	-83	41	50.72	4	9002	OLIFANTS	8123	7	GL	1902
	7	2	17	39	7.9558	1	20	25	13.853	-81	2	26.14	4	9002	OLIFANTS	8124	4	PG	2558
	7	2	17	39	31.9557	1	20	10	15.037	-77	40	12.40	4	9002	OLIFANTS	8124	7	PG	2559
	7	3	9	18	42.0361	10	2	55	10.024	-88	25	57.67	4	9003	WOOMERA	10058	5	PL	3469
	7	3	9	19	5.4764	1	20	26	29.613	-86	52	30.48	4	9003	WOOMERA	10058	10	PL	1907
	7	3	11	20	34.0177	1	9	18	5.276	-57	16	3.87	4	9003	WOOMERA	10060	2	PL	3470
	7	3	11	20	41.8275	1	9	22	35.913	-57	55	18.14	4	9003	WOOMERA	10060	4	PL	1909
	7	3	17	12	47.1672	1	4	49	5.387	-84	6	17.06	4	9002	OLIFANTS	8130	5	PG	2114
	7	3	17	13	3.1675	1	3	47	26.116	-85	42	39.65	4	9002	OLIFANTS	8130	7	PG	2760
	7	3	17	16	19.7543	1	19	47	3.393	-65	2	28.58	4	9002	OLIFANTS	8131	4	PG	2116
	7	3	17	16	27.7545	1	19	46	20.850	-63	55	44.02	4	9002	OLIFANTS	8131	5	PG	2117
	7	4	5	39	7.0275	1	23	32	31.226	22	32	14.84	4	9010	JUPITER	6832	3	VD	2229
	7	4	7	41	26.2741	1	21	22	12.217	68	10	36.15	4	9010	JUPITER	6839	3	VD	2230
	7	4	7	41	38.2745	1	21	42	53.951	69	2	45.99	4	9010	JUPITER	6839	6	VD	2231
	7	4	8	58	28.6885	1	18	58	18.370	-51	23	13.76	4	9003	WOOMERA	10061	6	PL	3471
	7	4	8	58	36.6884	1	18	58	36.922	-50	23	5.69	4	9003	WOOMERA	10061	8	PL	2560
	7	4	9	40	10.1969	1	21	1	39.670	57	45	6.27	4	9001	ORGAN PASS	6941	6	PK	2554
	7	4	9	40	14.1973	1	21	6	53.370	58	12	28.82	4	9001	ORGAN PASS	6941	8	PK	1876
	7	4	10	55	56.0000	1	8	52	10.689	-58	38	5.67	4	9003	WOOMERA	10064	5	PL	1912
	7	4	10	56	16.0000	1	9	3	48.296	-60	27	27.65	4	9003	WOOMERA	10064	10	PL	4344
	7	4	11	34	45.6362	1	23	46	9.207	56	18	32.59	4	9012	MAUI	6911	4	BO	2855
	7	4	11	34	57.6362	1	23	56	27.394	56	17	49.21	4	9012	MAUI	6911	7	BO	2856
	7	4	13	35	41.7698	1	16	49	28.211	62	29	59.35	4	9012	MAUI	6915	4	DM	2912
	7	4	13	35	49.7699	1	16	50	2.005	63	31	32.52	4	9012	MAUI	6915	6	DM	2913
	7	4	16	47	50.3041	1	4	42	46.864	-82	5	52.76	4	9002	OLIFANTS	8141	4	PG	2118
	7	4	16	48	22.3041	1	2	59	51.317	-85	11	24.48	4	9002	OLIFANTS	8141	8	PG	2119
	7	4	16	51	45.0990	1	19	37	44.278	-64	17	50.87	4	9002	OLIFANTS	8142	6	HC	2120
	7	4	16	52	41.0977	1	19	33	30.203	-56	50	25.30	4	9002	OLIFANTS	8142	13	HC	2121
	7	4	22	41	20.1472	1	8	16	35.599	-87	10	7.22	4	9011	VILLA DOLO	6057	3	DM	2237
	7	4	22	41	36.1471	1	12	45	35.488	-88	45	24.45	4	9011	VILLA DOLO	6057	7	DM	2238
	7	5	0	43	29.1913	1	9	45	30.223	-53	6	27.90	4	9011	VILLA DOLO	6059	3	DM	2239

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1962	7	5	0	43	37.1910	1	9	50	51.962	-53	36	52.08	4	9011	VILLA DOLO	6059	4	DM	2240
	7	5	7	13	57.7404	1	23	21	16.999	16	3	7.42	4	9001	ORGAN PASS	6950	3	GL	2555
	7	5	7	14	13.7472	1	23	28	40.771	17	1	23.30	4	9001	ORGAN PASS	6950	7	GL	2556
	7	5	10	32	1.1148	1	8	52	38.814	-64	8	22.99	4	9003	WOOMERA	10072	4	PL	2762
	7	5	10	32	21.1143	1	9	8	53.049	-66	10	16.93	4	9003	WOOMERA	10072	9	PL	1913
	7	5	18	27	51.3399	1	10	41	39.434	-67	54	19.88	4	9002	OLIFANTS	8150	5	PK	2122
	7	5	18	28	23.3397	1	11	26	56.514	-69	42	26.54	4	9002	OLIFANTS	8150	9	PK	2123
	7	6	0	19	19.4989	1	9	40	40.077	-56	58	16.66	4	9011	VILLA DOLO	6071	2	BN	2241
	7	6	0	19	27.4986	1	9	47	5.783	-57	32	20.64	4	9011	VILLA DOLO	6071	3	BN	2242
	7	6	6	49	38.0758	1	15	56	6.293	55	45	53.98	4	9009	CURACAO	5438	3	DM	2922
	7	6	6	49	46.0754	1	15	56	39.147	56	39	33.95	4	9009	CURACAO	5438	4	DM	2923
	7	6	10	8	13.1094	1	9	12	17.497	-70	57	15.96	4	9003	WOOMERA	10079	5	PL	1914
	7	6	10	8	37.1089	1	9	47	24.865	-73	25	51.85	4	9003	WOOMERA	10079	11	PL	4140
	7	6	12	46	29.5381	1	16	41	2.644	64	8	39.72	4	9012	MAUI	6932	2	BO	2857
	7	6	12	46	53.5385	1	16	45	54.433	67	23	46.01	4	9012	MAUI	6932	8	BO	2858
	7	6	18	4	39.6215	1	13	2	49.438	-73	50	16.00	4	9002	OLIFANTS	8158	4	BN	2124
	7	6	18	5	7.6211	1	14	8	46.276	-72	50	33.79	4	9002	OLIFANTS	8158	11	BN	2125
	7	7	6	26	30.8396	1	15	56	45.673	66	35	36.68	4	9009	CURACAO	5455	4	TU	2839
	7	7	6	26	54.8389	1	15	59	6.599	69	17	16.25	4	9009	CURACAO	5455	7	PA	2840
	7	7	6	28	11.4507	1	22	28	46.673	61	29	57.45	4	9010	JUPITER	6897	3	BO	2292
	7	7	6	28	19.4509	1	22	39	32.785	61	38	9.97	4	9010	JUPITER	6897	5	BO	2293
	7	7	17	37	21.9138	1	8	35	48.004	-66	17	17.70	4	9002	OLIFANTS	8165	3	BN	2126
	7	7	17	37	29.9138	1	8	41	27.375	-66	59	55.53	4	9002	OLIFANTS	8165	4	BN	2127
	7	7	17	41	30.8268	1	16	13	44.813	-68	18	3.38	4	9002	OLIFANTS	8166	3	BN	2128
	7	7	17	42	35.2152	1	17	16	49.198	-57	38	40.59	4	9002	OLIFANTS	8166	17	BN	2129
	7	7	23	35	31.2978	3	19	30	18.623	-62	23	57.08	4	9007	AREQUIPA	6458	5	PK	1919
	7	7	23	35	55.2990	3	19	29	15.296	-59	28	25.27	4	9007	AREQUIPA	6458	8	PK	2763
	7	8	2	11	7.3109	3	21	48	29.458	55	21	0.72	4	9004	SAN FERNAN	5862	4	PG	1986
	7	8	2	11	19.3109	3	22	5	33.148	56	1	23.08	4	9004	SAN FERNAN	5862	7	PG	1987
	7	8	6	0	48.0813	1	22	50	25.183	11	49	38.96	4	9001	ORGAN PASS	6997	4	VD	1879
	7	8	6	1	0.0805	1	22	55	1.226	12	31	0.98	4	9001	ORGAN PASS	6997	7	VD	1880
	7	8	6	3	40.2713	1	22	30	39.049	58	12	30.64	4	9010	JUPITER	6914	5	BO	2294
	7	8	6	3	52.2716	1	22	44	53.472	58	21	25.36	4	9010	JUPITER	6914	8	BO	2295
	7	8	8	6	10.0595	1	16	38	22.653	68	8	17.51	4	9010	JUPITER	6917	3	BO	2296
	7	8	8	6	34.0599	1	16	41	42.013	71	30	33.72	4	9010	JUPITER	6917	6	BO	2297
	7	8	9	20	58.3749	1	14	40	2.635	-79	11	48.48	4	9003	WOOMERA	10094	5	DM	4141
	7	8	9	21	22.3745	1	15	41	32.111	-76	7	37.05	4	9003	WOOMERA	10094	11	DM	1916
	7	8	11	22	43.0491	1	10	48	35.906	-37	57	52.18	4	9003	WOOMERA	10096	8	PK	1917
	7	8	11	22	51.0492	1	10	53	48.151	-37	53	9.86	4	9003	WOOMERA	10096	10	PK	1918
	7	8	11	57	56.0922	1	16	59	35.061	71	0	30.19	4	9012	MAUI	6948	6	BO	5916
	7	8	17	12	39.7542	1	8	3	49.126	-67	27	28.08	4	9002	OLIFANTS	8172	5	VD	2221
	7	8	17	12	55.7542	1	8	14	39.496	-68	59	3.38	4	9002	OLIFANTS	8172	7	VD	2222
	7	8	17	19	35.8062	1	18	3	16.843	-41	12	43.11	4	9002	OLIFANTS	8173	4	LT	1830
	7	8	17	19	59.8059	1	18	10	21.487	-37	8	58.03	4	9002	OLIFANTS	8173	10	LT	1831
	7	8	19	17	51.4398	1	11	29	25.537	-30	45	47.65	4	9002	OLIFANTS	8175	13	PK	2582

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	8	19	17	59.4396	1	11	33	41.180	-30	26	30.09	4	9002	OLIFANTS	8175	14	PK	2583
	7	8	23	44	28.9877	3	22	47	21.702	14	18	44.68	4	9004	SAN FERNAN	5871	5	PG	3473
	7	8	23	44	36.9877	3	22	51	8.226	14	46	18.03	4	9004	SAN FERNAN	5871	7	PG	2565
	7	9	1	46	21.3796	3	21	32	44.339	52	1	12.58	4	9004	SAN FERNAN	5881	8	PG	1990
	7	9	3	50	28.9654	3	19	21	17.963	72	43	40.63	4	9004	SAN FERNAN	5889	6	PG	1991
	7	9	3	50	36.9653	3	19	34	0.776	73	49	7.82	4	9004	SAN FERNAN	5889	8	PG	1992
	7	9	5	38	9.1675	1	16	10	9.373	74	15	5.34	4	9009	CURACAO	5481	5	PK	2263
	7	9	5	38	17.1676	1	16	13	20.073	75	8	34.44	4	9009	CURACAO	5481	6	PK	2264
	7	9	10	59	0.0798	1	11	7	37.821	-40	28	23.08	4	9003	WOOMERA	10102	4	VD	2310
	7	9	10	59	16.0795	1	11	20	31.590	-40	7	36.97	4	9003	WOOMERA	10102	8	VD	2311
	7	9	16	48	2.9886	1	7	34	40.303	-68	58	2.21	4	9002	OLIFANTS	8184	4	GL	2584
	7	9	16	48	18.9886	1	7	44	53.332	-70	35	25.78	4	9002	OLIFANTS	8184	6	GL	2224
	7	9	16	57	13.2753	1	18	27	40.073	-22	11	30.93	4	9002	OLIFANTS	8185	6	DM	1834
	7	9	16	57	29.2748	1	18	30	23.280	-20	9	42.23	4	9002	OLIFANTS	8185	8	DM	1835
	7	9	18	55	26.1251	1	12	33	39.963	-26	34	41.43	4	9002	OLIFANTS	8186	7	LT	2225
	7	9	18	55	34.1250	1	12	39	11.369	-25	52	57.83	4	9002	OLIFANTS	8186	9	LT	2226
	7	9	22	44	10.5175	1	14	34	34.785	-70	16	57.24	4	9011	VILLA DOLO	6086	2	PL	2243
	7	9	22	44	30.5171	1	15	9	21.178	-67	29	24.46	4	9011	VILLA DOLO	6086	7	PL	2766
	7	9	23	19	38.0461	3	22	24	50.045	11	17	38.92	4	9004	SAN FERNAN	5896	3	BO	2566
	7	9	23	19	46.0461	3	22	28	28.085	11	47	28.19	4	9004	SAN FERNAN	5896	5	BO	1993
	7	10	1	21	57.9973	3	21	45	0.745	49	52	44.47	4	9004	SAN FERNAN	5900	2	MW	2287
	7	10	1	22	9.9973	3	21	59	55.915	50	26	43.59	4	9004	SAN FERNAN	5900	5	MW	2288
	7	10	3	25	59.9186	3	19	35	44.760	74	6	31.20	4	9004	SAN FERNAN	5908	5	GL	3482
	7	10	5	14	2.9673	1	16	42	52.009	78	18	47.00	4	9009	CURACAO	5493	3	PL	2841
	7	10	5	14	10.9670	1	16	50	15.620	79	8	13.89	4	9009	CURACAO	5493	4	AA	2842
	7	10	10	35	31.1588	1	11	52	2.135	-42	9	28.34	4	9003	WOOMERA	10109	3	PL	2138
	7	10	10	35	37.1586	1	11	58	0.428	-41	51	51.73	4	9003	WOOMERA	10109	6	PL	2139
	7	10	16	33	48.2262	1	18	29	13.992	-15	16	14.93	4	9002	OLIFANTS	8192	4	GL	2227
	7	10	16	33	56.2257	1	18	30	20.042	-14	25	24.57	4	9002	OLIFANTS	8192	5	GL	2228
	7	11	0	24	33.1757	3	14	31	2.296	-68	21	14.47	4	9007	AREQUIPA	6484	4	HC	1921
	7	11	0	24	45.1755	3	14	48	34.730	-67	17	44.78	4	9007	AREQUIPA	6484	7	HC	3472
	7	11	0	57	51.4437	3	22	13	2.048	47	57	55.72	4	9004	SAN FERNAN	5925	6	GL	2285
	7	11	0	57	55.4439	3	22	17	33.301	48	4	20.57	4	9004	SAN FERNAN	5925	7	GL	2286
	7	11	3	0	55.8737	3	18	53	15.836	70	40	15.49	4	9004	SAN FERNAN	5932	6	GL	2284
	7	11	10	11	57.5834	1	12	49	25.413	-42	2	3.67	4	9003	WOOMERA	10118	5	VD	4142
	7	11	10	12	5.5832	1	12	58	21.245	-41	15	9.93	4	9003	WOOMERA	10118	9	VD	4143
	7	11	10	45	10.6525	1	19	32	51.786	77	49	36.40	4	9012	MAUI	6967	6	BO	2860
	7	11	12	49	35.7828	1	14	26	30.865	74	56	44.45	4	9012	MAUI	6971	4	DM	3487
	7	11	12	49	43.7829	1	14	21	14.309	75	44	28.57	4	9012	MAUI	6971	6	DM	4147
	7	11	20	36	17.8331	3	21	59	38.130	61	8	17.50	4	9008	SHIRAZ	8532	5	VD	1929
	7	11	20	36	25.8334	3	22	10	35.051	61	10	6.82	4	9008	SHIRAZ	8532	7	VD	1930
	7	11	22	39	22.0913	3	16	19	39.094	73	39	5.00	4	9008	SHIRAZ	8539	6	DM	2563
	7	11	22	39	26.0914	3	16	20	42.931	74	14	3.28	4	9008	SHIRAZ	8539	7	DM	2564
	7	11	23	59	3.7177	1	12	25	10.162	-25	18	46.32	4	9011	VILLA DOLO	6106	4	PL	2245
	7	11	23	59	11.7177	1	12	31	50.551	-24	29	9.64	4	9011	VILLA DOLO	6106	6	PL	2246

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	12	2	2	26.3905	3	11	55	22.413	-20	30	45.95	4	9007	AREQUIPA	6491	4	VD	2562
	7	12	2	2	34.3901	3	11	58	35.370	-19	55	44.95	4	9007	AREQUIPA	6491	5	VD	1923
	7	12	4	24	37.7045	1	17	21	4.432	77	36	48.27	4	9009	CURACAO	5517	3	PL	4345
	7	12	4	25	17.7046	1	18	33	11.382	80	47	17.85	4	9009	CURACAO	5517	8	PL	4346
	7	12	4	26	19.2191	1	22	42	28.364	44	51	51.72	4	9010	JUPITER	6945	4	BO	2298
	7	12	4	26	43.2204	1	22	58	47.634	44	59	24.85	4	9010	JUPITER	6945	7	BO	2299
	7	12	8	34	39.9421	1	13	22	55.330	84	29	37.59	4	9010	JUPITER	6956	2	PG	2300
	7	12	8	34	55.9423	1	12	5	39.344	85	36	17.00	4	9010	JUPITER	6956	4	PG	2301
	7	12	20	11	59.3191	3	22	14	1.841	57	52	54.26	4	9008	SHIRAZ	8556	4	BO	2000
	7	12	20	12	7.3196	3	22	23	22.558	57	49	48.01	4	9008	SHIRAZ	8556	6	BO	2001
	7	13	1	38	57.9860	3	12	10	38.818	-18	24	42.90	4	9007	AREQUIPA	6502	8	MW	1924
	7	13	1	39	13.9853	3	12	18	4.839	-16	54	44.73	4	9007	AREQUIPA	6502	12	MW	1925
	7	13	2	11	30.4371	1	18	38	46.901	69	10	3.63	4	9004	SAN FERNAN	5960	7	GL	2577
	7	13	2	11	34.4371	1	18	44	45.735	69	42	58.24	4	9004	SAN FERNAN	5960	8	GL	2578
	7	13	4	0	6.7507	1	17	59	8.114	77	39	16.25	4	9009	CURACAO	5530	3	PL	2843
	7	13	9	23	37.4288	1	13	44	43.311	-43	51	47.45	4	9003	WOOMERA	10124	4	VD	2579
	7	13	9	23	45.4287	1	13	53	35.817	-42	39	48.22	4	9003	WOOMERA	10124	9	VD	2580
	7	13	9	55	45.3750	1	19	48	59.111	73	38	44.64	4	9012	MAUI	6986	4	DM	2914
	7	13	9	55	51.3750	1	20	0	51.735	73	54	0.79	4	9012	MAUI	6986	7	DM	2915
	7	13	11	27	35.7698	1	12	35	39.172	8	21	46.82	4	9003	WOOMERA	10127	2	DM	2148
	7	13	11	28	3.7697	1	12	48	30.676	11	17	21.72	4	9003	WOOMERA	10127	9	DM	2149
	7	13	19	46	56.5786	3	21	33	52.356	54	16	54.36	4	9008	SHIRAZ	8575	3	HC	2002
	7	13	19	47	4.5787	3	21	42	54.815	54	24	3.56	4	9008	SHIRAZ	8575	5	HC	2003
	7	13	23	43	5.0866	1	20	47	11.324	35	3	26.12	4	9004	SAN FERNAN	5973	6	DM	2200
	7	13	23	43	9.8898	1	20	51	45.088	35	24	34.08	4	9004	SAN FERNAN	5973	7	DM	2201
	7	13	23	57	40.6756	3	5	6	25.778	84	15	9.77	4	9008	SHIRAZ	8584	7	PK	2004
	7	14	1	20	53.7465	1	14	58	13.361	-49	50	46.12	4	9009	CURACAO	5544	4	PK	2268
	7	14	1	21	17.7462	1	15	12	19.822	-48	15	7.96	4	9009	CURACAO	5544	7	PK	2269
	7	14	1	46	45.7089	1	18	29	17.450	67	54	13.55	4	9004	SAN FERNAN	5980	3	LT	3478
	7	14	1	46	55.3142	1	18	43	54.989	69	11	40.37	4	9004	SAN FERNAN	5980	7	LT	3479
	7	14	3	35	56.9616	1	21	25	43.400	35	55	2.45	4	9010	JUPITER	6974	4	PG	2302
	7	14	3	36	4.9613	1	21	31	12.063	36	17	9.88	4	9010	JUPITER	6974	5	PG	2303
	7	14	5	34	58.1787	1	21	12	47.431	28	45	8.39	4	9001	ORGAN PASS	7052	4	VD	1881
	7	14	5	35	2.1793	1	21	15	39.261	29	0	37.89	4	9001	ORGAN PASS	7052	6	VD	1882
	7	14	5	36	51.8925	1	15	52	54.880	56	28	20.72	4	9010	JUPITER	6977	3	PG	2304
	7	14	5	36	59.8930	1	15	56	9.181	57	45	15.86	4	9010	JUPITER	6977	5	PG	2305
	7	14	7	36	30.3629	1	16	48	42.220	55	8	58.67	4	9001	ORGAN PASS	7058	3	MW	1883
	7	14	7	36	34.3653	1	16	51	16.880	55	48	53.06	4	9001	ORGAN PASS	7058	5	MW	1884
	7	14	7	44	30.4707	1	14	19	22.615	80	24	31.13	4	9010	JUPITER	6980	4	PG	2306
	7	14	7	44	38.4714	1	14	8	59.314	81	19	10.98	4	9010	JUPITER	6980	5	PG	2307
	7	14	9	30	28.3235	1	18	52	31.752	69	1	24.50	4	9012	MAUI	7004	3	BO	2861
	7	14	9	30	44.3236	1	19	18	36.714	70	6	51.33	4	9012	MAUI	7004	7	BO	2862
	7	14	11	3	11.7680	1	12	29	47.481	7	38	17.23	4	9003	WOOMERA	10136	3	DM	2150
	7	14	11	3	31.7680	1	12	39	35.092	9	49	2.44	4	9003	WOOMERA	10136	8	DM	2151
	7	14	11	35	36.9907	1	13	49	58.076	77	10	51.28	4	9012	MAUI	7008	2	PG	2863

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	14	11	35	52.9901	1	13	37	24.923	78	52	12.41	4	9012	MAUI	7008	6	PG	2864
	7	14	19	19	18.7534	3	18	15	50.960	34	23	35.49	4	9008	SHIRAZ	8595	6	PK	2005
	7	14	19	19	20.7534	3	18	17	37.167	34	41	54.89	4	9008	SHIRAZ	8595	7	PK	2006
	7	15	0	53	53.4579	3	14	14	27.244	7	31	18.62	4	9007	AREQUIPA	6520	12	GL	3481
	7	15	0	53	57.4578	3	14	16	55.208	8	10	58.81	4	9007	AREQUIPA	6520	13	GL	2576
	7	15	3	7	21.1480	1	18	27	35.820	6	59	36.46	4	9010	JUPITER	6987	6	PG	2308
	7	15	3	7	29.1477	1	18	33	1.312	8	10	2.65	4	9010	JUPITER	6987	8	PG	2309
	7	15	5	12	25.0494	1	15	57	15.087	58	1	24.38	4	9010	JUPITER	6992	4	VD	2013
	7	15	5	12	33.0494	1	16	1	29.145	59	19	32.78	4	9010	JUPITER	6992	6	VD	2014
	7	15	7	11	56.0159	1	16	50	26.932	55	0	16.53	4	9001	ORGAN PASS	7082	4	MW	1885
	7	15	7	12	4.0214	1	16	56	28.325	56	20	8.21	4	9001	ORGAN PASS	7082	8	MW	2557
	7	15	9	2	52.1294	1	16	2	53.232	42	40	53.35	4	9012	MAUI	7027	5	DM	2253
	7	15	9	2	56.1293	1	16	5	19.715	43	22	57.81	4	9012	MAUI	7027	7	DM	2254
	7	15	11	8	50.9036	1	14	15	7.353	63	25	57.13	4	9012	MAUI	7030	3	MW	3486
	7	15	11	8	58.9036	1	14	14	26.349	64	21	55.71	4	9012	MAUI	7030	5	MW	2453
	7	15	18	54	4.4856	3	17	45	57.902	24	56	53.72	4	9008	SHIRAZ	8608	8	MW	2007
	7	15	22	51	42.7040	1	18	43	56.356	14	19	18.61	4	9004	SAN FERNAN	6003	6	VD	2196
	7	15	22	51	46.7038	1	18	46	57.423	14	49	56.59	4	9004	SAN FERNAN	6003	7	VD	2197
	7	16	0	29	3.4953	3	14	6	27.735	1	25	0.98	4	9007	AREQUIPA	6531	4	DM	2277
	7	16	0	29	27.4943	3	14	22	1.688	5	33	22.45	4	9007	AREQUIPA	6531	10	DM	2278
	7	16	0	56	46.1170	1	17	34	42.971	60	24	46.36	4	9004	SAN FERNAN	6010	4	GL	3476
	7	16	0	56	50.1170	1	17	38	56.581	61	1	32.02	4	9004	SAN FERNAN	6010	6	GL	3477
	7	16	3	3	48.9108	1	22	46	19.870	80	29	27.62	4	9004	SAN FERNAN	6014	7	DM	2193
	7	16	4	42	48.2720	1	18	52	32.459	3	50	29.95	4	9001	ORGAN PASS	7097	4	HC	1887
	7	16	4	43	0.2734	1	19	0	18.331	5	20	21.15	4	9001	ORGAN PASS	7097	10	HC	1888
	7	16	6	47	19.3302	1	16	51	45.886	54	12	23.27	4	9001	ORGAN PASS	7106	3	LT	1836
	7	16	6	47	21.3307	1	16	53	23.864	54	32	19.28	4	9001	ORGAN PASS	7106	4	LT	1837
	7	16	8	37	35.7566	1	15	43	18.625	33	37	6.33	4	9012	MAUI	7042	4	PG	2865
	7	16	8	37	39.7567	1	15	45	33.694	34	20	38.07	4	9012	MAUI	7042	6	PG	2866
	7	16	8	54	10.1639	1	16	29	44.207	82	1	45.91	4	9001	ORGAN PASS	7111	5	LT	1838
	7	16	8	54	12.1639	1	16	32	10.664	82	19	21.13	4	9001	ORGAN PASS	7111	6	LT	1839
	7	16	10	44	15.8950	1	14	4	46.586	64	23	19.63	4	9012	MAUI	7045	3	PG	2867
	7	16	10	44	31.8950	1	14	3	35.255	66	18	53.08	4	9012	MAUI	7045	7	PG	2868
	7	16	11	1	32.1887	1	2	11	49.998	72	51	38.92	4	9001	ORGAN PASS	7115	3	PK	1842
	7	16	11	1	36.1889	1	2	17	10.282	72	17	41.24	4	9001	ORGAN PASS	7115	5	PK	1843
	7	16	22	43	17.3531	3	5	8	35.731	85	21	21.80	4	9008	SHIRAZ	8634	9	HC	2567
	7	17	0	32	3.6390	1	17	28	31.494	58	55	4.24	4	9004	SAN FERNAN	6026	2	HC	2191
	7	17	0	32	5.6390	1	17	30	39.955	59	13	28.65	4	9004	SAN FERNAN	6026	3	HC	2192
	7	17	2	38	55.5801	1	21	46	59.637	81	1	39.69	4	9004	SAN FERNAN	6029	3	MW	2166
	7	17	2	38	59.5803	1	22	5	2.080	80	58	55.46	4	9004	SAN FERNAN	6029	4	MW	3475
	7	17	6	22	47.6290	1	16	58	23.216	53	55	8.31	4	9001	ORGAN PASS	7123	3	GL	1840
	7	17	6	22	51.6284	1	17	2	5.741	54	34	5.06	4	9001	ORGAN PASS	7123	5	GL	1841
	7	17	8	12	58.3001	1	15	46	3.724	31	0	50.94	4	9012	MAUI	7052	5	PG	2869
	7	17	8	13	25.5013	1	16	3	34.080	35	58	54.76	4	9012	MAUI	7052	15	PG	2870
	7	17	9	49	32.6364	3	12	3	56.140	1	25	27.07	4	9003	WOOMERA	10165	2	DM	2152

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	17	9	49	48.6364	3	12	13	25.531	3	22	48.02	4	9003	WOOMERA	10165	10	DM	2153
	7	17	22	2	21.4291	1	18	27	18.060	7	0	44.36	4	9004	SAN FERNAN	6035	3	VD	2168
	7	17	22	2	31.0211	1	18	33	58.554	8	10	25.69	4	9004	SAN FERNAN	6035	5	VD	2169
	7	17	23	39	44.7849	3	14	6	59.323	- 8	19	54.54	4	9007	AREQUIPA	6547	4	DM	2275
	7	17	23	39	56.7849	3	14	15	22.813	- 6	6	12.40	4	9007	AREQUIPA	6547	7	DM	2276
	7	18	0	7	28.4172	1	17	30	31.215	58	17	21.64	4	9004	SAN FERNAN	6041	5	VD	2170
	7	18	0	7	33.2341	1	17	36	7.367	59	0	5.54	4	9004	SAN FERNAN	6041	7	VD	2171
	7	18	2	13	37.1526	1	19	6	33.950	79	26	39.46	4	9004	SAN FERNAN	6046	4	HC	2172
	7	18	2	13	51.5484	1	19	58	36.321	80	35	55.77	4	9004	SAN FERNAN	6046	7	HC	2173
	7	18	4	14	42.5923	1	17	41	56.995	48	16	2.87	4	9004	SAN FERNAN	6050	3	DM	2174
	7	18	7	48	31.7276	1	15	56	40.129	29	56	59.82	4	9012	MAUI	7067	4	MW	2450
	7	18	7	48	35.7276	1	15	59	23.905	30	40	59.46	4	9012	MAUI	7067	6	MW	2451
	7	18	17	24	35.1471	1	14	5	40.646	37	58	11.05	4	9002	OLIFANTS	8284	6	PK	2146
	7	18	17	24	55.1479	1	14	15	27.643	39	38	21.52	4	9002	OLIFANTS	8284	11	PK	2147
	7	18	19	45	35.1296	3	15	34	38.186	63	34	31.91	4	9008	SHIRAZ	8664	6	LT	2010
	7	18	21	37	46.3846	1	18	21	55.579	4	13	7.46	4	9004	SAN FERNAN	6055	4	VD	2175
	7	18	21	37	50.3846	1	18	24	35.671	4	41	26.99	4	9004	SAN FERNAN	6055	5	VD	2176
	7	18	21	37	58.3844	1	18	29	57.149	5	37	44.22	4	9004	SAN FERNAN	6055	7	VD	2177
	7	18	23	11	57.4195	1	11	35	51.584	7	54	5.44	4	9011	VILLA DOLO	6188	3	VD	2247
	7	18	23	12	13.4197	1	11	43	54.739	9	39	16.40	4	9011	VILLA DOLO	6188	7	VD	2248
	7	18	23	42	57.1113	1	17	37	51.845	57	55	9.00	4	9004	SAN FERNAN	6062	4	HC	2178
	7	18	23	43	1.1113	1	17	42	55.079	58	28	32.66	4	9004	SAN FERNAN	6062	6	HC	2179
	7	19	0	0	28.8172	3	2	37	58.319	70	2	59.58	4	9008	SHIRAZ	8671	4	LT	2012
	7	19	1	27	37.3084	1	14	52	50.169	33	10	5.08	4	9009	CURACAO	5569	4	PL	2844
	7	19	1	27	45.3085	1	14	57	34.463	34	36	30.71	4	9009	CURACAO	5569	6	PL	2845
	7	19	1	49	22.8696	1	20	44	59.847	81	16	38.48	4	9004	SAN FERNAN	6066	5	HC	2180
	7	19	1	49	37.2657	1	21	51	59.626	81	11	14.27	4	9004	SAN FERNAN	6066	8	HC	2181
	7	19	3	55	39.3147	1	0	15	22.029	61	47	12.28	4	9004	SAN FERNAN	6070	2	VD	2182
	7	19	3	56	3.3677	1	0	47	3.355	58	43	12.67	4	9004	SAN FERNAN	6070	7	VD	2183
	7	19	7	23	51.6357	1	15	58	48.660	25	55	56.10	4	9012	MAUI	7081	5	DM	2446
	7	19	7	24	10.6690	1	16	12	35.900	29	23	36.02	4	9012	MAUI	7081	10	DM	2447
	7	19	9	30	7.9628	1	13	41	37.125	64	23	3.12	4	9012	MAUI	7089	8	PG	2871
	7	19	9	30	11.9628	1	13	41	52.302	64	54	53.42	4	9012	MAUI	7089	9	PG	2872
	7	19	13	47	35.3983	1	4	32	36.349	69	34	3.73	4	9012	MAUI	7094	4	VD	2448
	7	19	13	47	51.3986	1	4	32	24.170	67	35	18.35	4	9012	MAUI	7094	8	VD	2449
	7	19	19	21	44.4738	3	16	24	26.706	70	37	0.89	4	9008	SHIRAZ	8684	3	VD	1932
	7	19	22	47	21.9182	1	11	25	25.492	5	44	10.15	4	9011	VILLA DOLO	6201	4	DM	2249
	7	19	22	47	29.9182	1	11	29	42.140	6	38	34.54	4	9011	VILLA DOLO	6201	6	DM	2250
	7	20	16	56	48.8195	1	15	17	38.272	52	32	13.73	4	9006	NAIN TAL	4743	4	HC	4421
	7	20	16	56	56.8197	1	15	22	52.935	53	55	3.47	4	9006	NAIN TAL	4743	6	HC	4422
	7	21	0	30	30.6398	3	12	5	22.055	29	45	25.77	4	9007	AREQUIPA	6581	4	PK	2272
	7	21	0	30	46.6386	3	12	10	50.249	31	34	5.07	4	9007	AREQUIPA	6581	6	PK	2273
	7	21	4	43	47.7054	1	16	36	53.529	40	35	24.24	4	9001	ORGAN PASS	7163	6	DM	2636
	7	21	6	49	39.8824	1	15	6	34.885	73	6	1.47	4	9001	ORGAN PASS	7171	3	DM	2637
	7	21	6	49	41.8824	1	15	7	52.892	73	24	49.42	4	9001	ORGAN PASS	7171	4	DM	2638

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	21	15	0	43.8313	1	21	44	58.524	66	37	4.54	4	9012	MAUI	7121	3	LT	2427
	7	21	15	0	59.8474	1	22	6	47.611	66	27	8.25	4	9012	MAUI	7121	7	LT	2428
	7	21	20	38	33.8665	3	13	1	35.701	85	30	29.32	4	9008	SHIRAZ	8726	5	BN	2236
	7	21	22	28	48.8364	1	17	17	18.276	50	9	14.84	4	9004	SAN FERNAN	6078	7	PK	2291
	7	21	22	46	15.1167	3	2	36	32.580	71	56	37.87	4	9008	SHIRAZ	8728	5	PL	2393
	7	22	0	12	41.7581	1	14	27	6.495	10	47	24.34	4	9009	CURACAO	5594	4	PL	2846
	7	22	0	12	57.7590	1	14	36	58.255	13	51	18.50	4	9009	CURACAO	5594	8	PL	2847
	7	22	2	19	21.4214	1	12	39	22.732	56	34	18.22	4	9009	CURACAO	5605	5	PK	2267
	7	22	6	9	16.1725	1	15	38	25.083	5	39	31.71	4	9012	MAUI	7122	3	LT	2429
	7	22	6	9	22.1725	1	15	42	26.058	6	42	50.72	4	9012	MAUI	7122	6	LT	2430
	7	22	8	15	17.5151	1	13	19	23.587	57	33	11.09	4	9012	MAUI	7132	4	LT	2431
	7	22	8	15	21.5152	1	13	20	12.589	58	8	19.01	4	9012	MAUI	7132	6	LT	2432
	7	22	22	4	9.1566	1	17	13	14.339	47	23	40.52	4	9004	SAN FERNAN	6089	5	PK	2289
	7	22	22	4	11.1566	1	17	15	32.772	47	39	41.51	4	9004	SAN FERNAN	6089	6	PK	2290
	7	22	22	21	45.6205	10	2	39	16.622	70	6	28.22	4	9008	SHIRAZ	8745	4	GL	2404
	7	22	22	21	49.6194	10	2	40	28.317	69	30	55.79	4	9008	SHIRAZ	8745	5	GL	2405
	7	23	0	27	29.6685	3	0	31	49.896	39	9	32.77	4	9008	SHIRAZ	8748	6	HC	2190
	7	23	3	54	37.7029	1	16	41	35.338	34	59	32.79	4	9001	ORGAN PASS	7187	8	HC	1890
	7	23	3	54	39.7032	1	16	43	27.135	35	17	53.44	4	9001	ORGAN PASS	7187	9	HC	1891
	7	23	6	8	41.7636	1	5	52	12.975	84	46	41.89	4	9010	JUPITER	7082	4	LT	2015
	7	23	6	8	57.7627	1	4	59	50.886	83	15	58.93	4	9010	JUPITER	7082	6	LT	2016
	7	23	8	7	14.0479	1	23	16	54.527	86	24	40.80	4	9001	ORGAN PASS	7197	3	GL	1892
	7	23	8	7	22.0489	1	0	6	19.295	85	30	40.79	4	9001	ORGAN PASS	7197	7	GL	1893
	7	23	10	13	56.1453	1	0	1	39.576	55	16	50.76	4	9001	ORGAN PASS	7201	4	GL	1894
	7	23	10	14	6.1466	1	0	12	35.517	53	53	27.46	4	9001	ORGAN PASS	7201	9	GL	1895
	7	23	21	37	23.1769	1	15	21	27.786	24	54	5.80	4	9004	SAN FERNAN	6100	6	BO	1994
	7	23	21	37	25.1770	1	15	22	42.038	25	12	51.91	4	9004	SAN FERNAN	6100	7	BO	1995
	7	24	1	29	48.6332	1	15	40	16.579	31	42	40.25	4	9010	JUPITER	7089	3	LT	2320
	7	24	1	29	52.6358	1	15	43	32.359	32	24	19.87	4	9010	JUPITER	7089	4	LT	2321
	7	24	1	51	41.9009	1	23	8	12.089	72	13	2.93	4	9004	SAN FERNAN	6106	4	BO	1996
	7	24	1	51	53.9009	1	23	30	46.528	70	47	1.40	4	9004	SAN FERNAN	6106	7	BO	1997
	7	24	10	10	47.4028	3	4	45	43.693	22	43	29.70	4	9007	AREQUIPA	6632	4	DM	3483
	7	24	10	11	3.4024	3	4	51	25.088	20	53	9.34	4	9007	AREQUIPA	6632	6	DM	3484
	7	24	15	36	2.4981	3	22	50	28.151	78	6	11.98	4	9005	TOKYO	6092	4	DM	2162
	7	24	15	36	42.4974	3	0	12	2.851	72	57	25.04	4	9005	TOKYO	6092	14	DM	2163
	7	25	1	4	47.3275	1	12	14	15.671	51	49	43.80	4	9009	CURACAO	5639	5	LT	2848
	7	25	1	4	55.3273	1	12	15	49.173	52	54	49.49	4	9009	CURACAO	5639	6	LT	4144
	7	25	1	9	36.2915	1	20	1	4.355	50	20	16.99	4	9010	JUPITER	7106	4	VD	3474
	7	25	1	9	52.2922	1	20	14	22.910	50	16	55.26	4	9010	JUPITER	7106	6	VD	2018
	7	25	5	18	42.7946	1	8	21	45.698	85	29	23.22	4	9010	JUPITER	7117	3	LT	2322
	7	25	5	18	50.7950	1	7	30	27.746	85	28	23.26	4	9010	JUPITER	7117	4	LT	2323
	7	25	7	26	17.4423	1	1	40	15.395	69	11	41.36	4	9010	JUPITER	7120	7	PK	2257
	7	25	7	26	25.4418	1	1	45	32.774	67	59	48.95	4	9010	JUPITER	7120	9	PK	2258
	7	25	7	33	19.9352	1	3	32	45.417	51	42	59.89	4	9009	CURACAO	5643	3	LT	4347
	7	25	7	33	51.9353	1	3	38	8.742	47	43	51.22	4	9009	CURACAO	5643	7	LT	2850

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS. NO.
1962	7	25	15	10	50.0068	3	20	54	24.367	81	3	59.94	4	9005	TOKYO	6111	3	DM	2164
	7	25	15	11	26.0074	3	23	1	57.771	78	4	1.00	4	9005	TOKYO	6111	12	DM	2165
	7	25	17	17	16.1156	3	22	56	54.133	45	8	3.28	4	9005	TOKYO	6115	3	GL	2394
	7	25	17	17	36.1165	3	23	17	12.755	42	29	54.00	4	9005	TOKYO	6115	8	GL	2395
	7	25	20	49	36.6121	1	16	23	50.721	32	49	31.02	4	9004	SAN FERNAN	6109	8	BO	1998
	7	25	20	49	40.6120	1	16	27	37.022	33	24	12.58	4	9004	SAN FERNAN	6109	10	BO	1999
	7	26	3	7	47.5334	1	22	34	44.666	37	24	52.75	4	9004	SAN FERNAN	6119	4	DM	2156
	7	26	3	7	51.5333	1	22	38	37.394	36	56	4.85	4	9004	SAN FERNAN	6119	6	DM	2157
	7	26	3	29	21.2987	1	3	39	36.666	34	46	7.34	4	9002	OLIFANTS	8401	4	PK	2144
	7	26	3	29	37.2985	1	3	46	1.755	33	20	23.82	4	9002	OLIFANTS	8401	6	PK	2145
	7	26	6	36	15.5028	1	13	2	46.983	51	51	56.95	4	9012	MAUI	7157	4	LT	5917
	7	26	6	36	21.5028	1	13	5	21.295	52	52	18.31	4	9012	MAUI	7157	7	LT	2434
	7	26	7	1	35.4803	1	1	43	48.529	69	33	28.40	4	9010	JUPITER	7135	5	PK	2270
	7	26	7	1	47.4800	1	1	50	2.238	67	45	36.08	4	9010	JUPITER	7135	8	PK	2271
	7	26	7	7	57.4934	1	3	20	38.572	56	50	20.01	4	9009	CURACAO	5658	3	LT	7282
	7	26	7	8	5.4933	1	3	21	50.284	55	52	30.93	4	9009	CURACAO	5658	4	LT	2852
	7	26	9	7	31.2739	1	23	26	22.184	23	15	24.28	4	9010	JUPITER	7138	3	PK	2574
	7	26	9	7	35.2736	1	23	29	20.512	22	40	9.14	4	9010	JUPITER	7138	4	PK	2575
	7	26	13	0	41.7170	1	2	4	38.049	56	58	21.45	4	9012	MAUI	7162	4	HC	2435
	7	26	13	0	53.7171	1	2	9	48.291	55	9	0.72	4	9012	MAUI	7162	10	HC	2436
	7	26	22	30	30.4583	1	15	42	16.967	70	50	53.13	4	9004	SAN FERNAN	6130	10	DM	2158
	7	26	22	30	58.4580	1	16	36	17.317	74	31	49.49	4	9004	SAN FERNAN	6130	17	DM	2159
	7	27	0	37	1.6224	1	21	22	54.186	78	13	28.68	4	9004	SAN FERNAN	6132	8	DM	2160
	7	27	0	37	13.6221	1	22	0	10.934	77	13	45.90	4	9004	SAN FERNAN	6132	11	DM	2161
	7	27	0	48	10.7737	3	19	50	6.085	24	4	25.06	4	9008	SHIRAZ	8822	4	VD	2232
	7	27	0	48	14.7740	3	19	51	57.687	23	53	28.45	4	9008	SHIRAZ	8822	5	VD	2233
	7	27	3	10	33.3892	1	5	40	30.251	2	37	53.54	4	9002	OLIFANTS	8419	5	PL	2142
	7	27	3	10	49.3889	1	5	45	58.672	1	16	10.74	4	9002	OLIFANTS	8419	7	PL	2143
	7	27	4	28	47.0984	1	10	3	53.124	83	51	33.16	4	9010	JUPITER	7148	5	PK	2255
	7	27	4	29	3.0981	1	8	52	47.459	84	55	9.76	4	9010	JUPITER	7148	7	PK	2256
	7	27	6	10	51.5408	1	12	43	44.047	43	3	12.60	4	9012	MAUI	7168	3	VD	2437
	7	27	6	10	57.5409	1	12	46	5.097	44	5	37.22	4	9012	MAUI	7168	6	VD	2438
	7	27	6	36	51.0837	1	1	44	49.077	70	7	33.94	4	9010	JUPITER	7150	5	PK	2572
	7	27	6	36	55.0840	1	1	46	30.944	69	31	57.50	4	9010	JUPITER	7150	6	PK	2573
	7	27	8	18	25.8439	1	11	20	46.663	70	47	4.69	4	9012	MAUI	7172	3	PL	2444
	7	27	8	18	37.8440	1	11	15	50.172	72	4	48.13	4	9012	MAUI	7172	6	PL	2445
	7	27	8	34	52.0954	1	23	43	39.283	65	31	5.42	4	9001	ORGAN PASS	7216	4	GL	1896
	7	27	8	35	6.0953	1	23	59	36.116	63	27	13.42	4	9001	ORGAN PASS	7216	11	GL	1897
	7	27	8	56	53.4040	1	4	19	37.109	25	59	34.99	4	9007	AREQUIPA	6659	4	DM	2188
	7	27	8	57	1.4037	1	4	21	53.352	25	11	1.39	4	9007	AREQUIPA	6659	5	DM	2189
	7	27	12	35	20.8938	1	1	48	40.621	63	22	15.39	4	9012	MAUI	7176	4	DM	2455
	7	27	12	35	24.8938	1	1	50	37.059	62	47	26.41	4	9012	MAUI	7176	6	DM	2456
	7	27	14	41	18.4406	1	23	16	1.161	7	16	35.29	4	9012	MAUI	7179	3	HC	2910
	7	27	14	41	28.4405	1	23	22	10.184	5	46	59.42	4	9012	MAUI	7179	8	HC	2911
	7	27	22	24	0.4103	3	0	31	58.038	52	21	51.61	4	9008	SHIRAZ	8831	4	BN	2234

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	27	22	24	8.4107	3	0	37	33.383	51	2	52.82	4	9008	SHIRAZ	8831	8	BN	2235
	7	28	2	42	19.0254	10	4	14	10.050	24	13	30.31	4	9002	OLIFANTS	8426	5	LT	2759
	7	28	2	42	35.0202	10	4	19	39.622	22	43	0.48	4	9002	OLIFANTS	8426	7	LT	1829
	7	28	2	43	59.3259	1	4	48	11.000	14	46	14.80	4	9002	OLIFANTS	8427	3	DM	2641
	7	28	2	44	7.3259	1	4	50	51.488	14	1	26.04	4	9002	OLIFANTS	8427	4	DM	1833
	7	28	7	53	47.8381	1	11	8	6.431	71	27	57.82	4	9012	MAUI	7188	3	HC	2908
	7	28	7	53	51.8382	1	11	6	31.248	71	54	39.41	4	9012	MAUI	7188	4	HC	2909
	7	28	8	17	45.3552	1	23	4	26.220	35	1	37.48	4	9010	JUPITER	7156	5	GL	2402
	7	28	8	17	53.3567	1	23	11	5.411	33	51	32.87	4	9010	JUPITER	7156	7	GL	2403
	7	28	8	24	27.4133	1	0	55	3.291	25	52	55.67	4	9009	CURACAO	5673	6	DM	2920
	7	28	8	24	31.4134	1	0	57	30.195	25	12	12.23	4	9009	CURACAO	5673	7	DM	5915
	7	28	12	10	47.6292	1	1	54	37.665	62	31	46.52	4	9012	MAUI	7190	3	VD	2439
	7	28	12	10	57.6293	1	1	58	10.448	61	5	9.24	4	9012	MAUI	7190	8	VD	2440
	7	28	14	16	4.1391	10	22	52	16.075	16	30	26.55	4	9012	MAUI	7194	3	PL	2442
	7	28	14	16	8.1391	10	22	54	55.105	15	55	33.59	4	9012	MAUI	7194	5	PL	2443
	7	28	20	29	0.0377	1	3	58	43.338	10	9	43.35	4	9003	WOOMERA	10290	2	PL	2154
	7	28	20	29	12.0376	1	4	4	55.718	8	50	2.96	4	9003	WOOMERA	10290	8	PL	4139
	7	28	21	41	3.2082	1	15	23	16.757	68	22	20.10	4	9004	SAN FERNAN	6137	2	LT	2569
	7	28	21	41	19.2083	1	15	50	21.688	70	34	22.86	4	9004	SAN FERNAN	6137	6	LT	2570
	7	28	23	48	3.2350	1	22	23	4.204	76	53	38.58	4	9004	SAN FERNAN	6141	4	LT	2204
	7	28	23	48	15.2349	1	22	48	5.987	75	18	51.33	4	9004	SAN FERNAN	6141	7	LT	2205
	7	29	3	38	55.5282	1	10	36	6.562	81	33	53.64	4	9010	JUPITER	7170	4	HC	2217
	7	29	3	39	19.5297	1	9	32	6.049	83	54	27.03	4	9010	JUPITER	7170	7	HC	2218
	7	29	3	57	42.2218	1	21	14	26.258	1	9	6.01	4	9004	SAN FERNAN	6148	5	LT	2206
	7	29	5	46	57.5694	1	1	37	44.081	74	28	21.37	4	9010	JUPITER	7171	3	LT	2219
	7	29	5	47	13.5713	1	1	41	41.871	72	9	45.82	4	9010	JUPITER	7171	7	LT	2220
	7	29	7	53	29.6800	1	23	25	2.776	35	2	37.28	4	9010	JUPITER	7173	6	LT	2324
	7	29	7	53	33.6811	1	23	28	10.279	34	24	41.58	4	9010	JUPITER	7173	7	LT	2325
	7	29	7	59	35.8611	1	0	52	20.718	31	13	52.18	4	9009	CURACAO	5682	4	PK	2265
	7	29	7	59	43.8613	1	0	57	8.403	29	53	37.20	4	9009	CURACAO	5682	5	PK	2266
	7	29	9	51	1.2740	1	22	16	19.226	18	39	52.03	4	9001	ORGAN PASS	7231	3	GL	2639
	7	29	9	51	9.2743	1	22	22	14.514	17	36	27.02	4	9001	ORGAN PASS	7231	7	GL	1899
	7	29	10	11	35.5505	1	2	19	36.085	- 5	25	28.91	4	9007	AREQUIPA	6684	5	LT	2186
	7	29	10	11	59.5503	1	2	34	38.054	- 9	22	32.67	4	9007	AREQUIPA	6684	11	LT	2187
	7	29	13	31	54.6092	3	19	36	41.948	83	18	34.80	4	9005	TOKYO	6148	6	GL	2396
	7	29	13	32	18.6095	3	21	37	8.699	81	40	0.74	4	9005	TOKYO	6148	12	GL	2397
	7	29	15	37	38.6002	3	21	30	36.138	62	2	36.44	4	9005	TOKYO	6151	3	GL	2398
	7	29	15	38	18.6011	3	22	27	22.143	57	25	41.81	4	9005	TOKYO	6151	13	GL	2399
	7	29	17	43	11.5111	3	21	33	40.545	5	42	8.91	4	9005	TOKYO	6154	7	PL	2132
	7	29	17	43	35.5126	3	21	48	27.176	3	4	56.10	4	9005	TOKYO	6154	10	PL	2761
	7	29	21	15	38.9957	1	14	25	6.559	60	27	59.78	4	9004	SAN FERNAN	6150	2	LT	2207
	7	29	21	15	58.9957	1	14	46	34.787	63	43	6.03	4	9004	SAN FERNAN	6150	7	LT	2208
	7	29	23	22	22.3750	1	18	29	57.730	81	7	41.81	4	9004	SAN FERNAN	6154	2	DM	2209
	7	29	23	22	42.3759	1	20	3	35.378	80	56	41.46	4	9004	SAN FERNAN	6154	7	DM	2210
	7	30	3	56	55.0527	1	2	24	7.529	- 5	20	36.72	4	9002	OLIFANTS	8470	5	LT	2140

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	30	3	57	7.0527	1	2	31	41.787	- 7	9	14.62	4	9002	OLIFANTS	8470	8	LT	2141
	7	30	7	35	20.8700	1	1	10	18.578	30	0	5.01	4	9009	CURACAO	5687	6	DM	2918
	7	30	7	35	32.8718	1	1	16	33.585	27	58	25.54	4	9009	CURACAO	5687	9	DM	2919
	7	30	9	25	45.7821	1	21	43	6.068	27	3	7.15	4	9001	ORGAN PASS	7237	4	MW	1644
	7	30	9	25	51.7821	1	21	48	3.403	26	18	19.73	4	9001	ORGAN PASS	7237	7	MW	1645
	7	30	10	59	52.6635	3	14	5	48.429	54	34	38.87	4	9005	TOKYO	6158	5	LT	2136
	7	30	11	0	32.6640	3	14	46	21.583	61	12	51.47	4	9005	TOKYO	6158	15	LT	2137
	7	30	11	21	41.8744	1	1	57	21.181	60	24	47.99	4	9012	MAUI	7194	5	HC	4348
	7	30	11	21	45.8744	1	1	58	5.410	59	51	47.40	4	9012	MAUI	7194	7	HC	2441
	7	30	13	7	7.6302	3	18	52	48.478	83	36	38.04	4	9005	TOKYO	6166	4	GL	2400
	7	30	13	7	55.6294	3	22	24	52.015	79	28	44.23	4	9005	TOKYO	6166	10	GL	2401
	7	30	15	13	14.7965	3	21	53	48.715	62	23	49.65	4	9005	TOKYO	6169	3	HC	2134
	7	30	15	13	50.7969	3	22	40	40.443	57	35	7.70	4	9005	TOKYO	6169	12	HC	2135
	7	30	20	51	3.9543	1	14	25	10.076	60	8	5.65	4	9004	SAN FERNAN	6159	2	DM	2211
	7	30	20	51	11.9554	1	14	33	58.860	61	25	58.37	4	9004	SAN FERNAN	6159	6	DM	2212
	7	30	22	57	47.4140	1	18	47	54.560	81	40	36.85	4	9004	SAN FERNAN	6164	2	DM	2671
	7	30	22	57	59.4142	1	19	46	57.291	81	25	25.02	4	9004	SAN FERNAN	6164	5	DM	2214
	7	31	3	8	49.4195	1	21	6	52.934	3	37	0.64	4	9004	SAN FERNAN	6170	3	HC	2215
	7	31	3	9	5.4197	1	21	16	19.843	1	57	49.29	4	9004	SAN FERNAN	6170	7	HC	2216
	7	31	7	3	49.8254	1	23	12	53.061	44	34	6.62	4	9010	JUPITER	7190	3	LT	2327
	7	31	7	4	1.8259	1	23	22	35.918	42	39	9.26	4	9010	JUPITER	7190	6	LT	2328
	7	31	7	10	7.2010	1	0	55	31.850	38	5	6.28	4	9009	CURACAO	5694	3	LT	2853
	7	31	7	10	27.2018	1	1	6	2.880	34	49	3.49	4	9009	CURACAO	5694	8	LT	2854
	7	31	9	14	37.9558	1	22	5	19.481	-16	53	4.53	4	9009	CURACAO	5699	3	VD	2916
	7	31	9	14	49.9557	1	22	9	48.853	-18	25	7.34	4	9009	CURACAO	5699	6	VD	2917
	7	31	9	22	2.9047	1	2	13	15.035	4	37	29.68	4	9007	AREQUIPA	6696	5	VD	2184
	7	31	9	22	6.9050	1	2	15	33.018	4	0	27.63	4	9007	AREQUIPA	6696	6	VD	2185
	7	31	9	27	59.3044	1	3	52	10.460	1	30	34.46	4	9011	VILLA DOLO	6295	4	DM	2251
	7	31	9	28	11.3042	1	3	58	52.251	0	9	51.69	4	9011	VILLA DOLO	6295	7	DM	2252
	7	31	12	42	46.3792	3	20	38	54.479	82	43	40.69	4	9005	TOKYO	6180	4	HC	2130
	7	31	12	43	18.3783	3	22	22	27.931	78	52	36.73	4	9005	TOKYO	6180	8	HC	2131
	7	31	14	48	41.5842	3	22	2	55.765	63	18	24.20	4	9005	TOKYO	6183	5	LT	2924
	7	31	14	49	9.5847	3	22	38	11.708	59	20	49.44	4	9005	TOKYO	6183	13	LT	2925
	7	31	16	53	5.8041	3	20	43	12.131	16	54	48.86	4	9005	TOKYO	6186	5	GL	2406
	7	31	16	53	21.8037	3	20	54	36.802	15	14	10.90	4	9005	TOKYO	6186	9	GL	2407
	7	31	20	45	2.6103	3	0	23	48.992	59	12	29.60	4	9008	SHIRAZ	8875	7	PL	2391
	7	31	20	45	12.6102	3	0	28	43.544	57	35	14.76	4	9008	SHIRAZ	8875	12	PL	2392
	7	31	22	50	5.2140	3	22	5	15.500	13	46	42.86	4	9008	SHIRAZ	8879	5	VD	2948
	7	31	22	50	11.2141	3	22	9	24.352	12	56	27.40	4	9008	SHIRAZ	8879	8	VD	2949
	8	1	4	32	52.5233	1	1	34	22.100	73	47	46.46	4	9010	JUPITER	7199	5	LT	6914
	8	1	4	33	8.5237	1	1	32	50.119	71	36	28.53	4	9010	JUPITER	7199	7	LT	6915
	8	1	6	39	18.7202	1	23	22	47.538	45	47	39.55	4	9010	JUPITER	7202	4	DM	6791
	8	1	8	36	47.3849	1	21	52	55.044	31	56	24.34	4	9001	ORGAN PASS	7251	6	DM	5935
	8	1	8	36	51.3849	1	21	56	21.086	31	22	54.12	4	9001	ORGAN PASS	7251	7	DM	5936
	8	1	8	57	29.0367	1	2	15	51.108	7	15	56.45	4	9007	AREQUIPA	6713	2	BO	6531

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	1	8	58	1.0367	1	2	33	25.212	2	29	54.74	4	9007	AREQUIPA	6713	10	BO	6532
	8	1	12	17	16.3006	3	15	49	27.884	82	11	16.75	4	9005	TOKYO	6193	4	PG	6772
	8	1	12	17	56.3001	3	19	41	28.584	83	20	32.36	4	9005	TOKYO	6193	9	PG	6773
	8	1	14	23	24.0311	3	20	59	13.652	69	15	46.50	4	9005	TOKYO	6196	6	MW	6284
	8	1	14	24	8.0316	3	22	11	20.486	63	53	45.61	4	9005	TOKYO	6196	17	MW	6268
	8	1	22	21	10.8999	3	18	38	16.533	40	27	2.63	4	9008	SHIRAZ	8892	8	GL	7181
	8	1	22	21	30.9006	3	18	53	24.039	39	50	19.67	4	9008	SHIRAZ	8892	13	GL	7747
	8	2	3	58	34.4279	1	12	25	19.575	78	9	3.34	4	9001	ORGAN PASS	7253	4	RO	5937
	8	2	3	58	40.4280	1	12	28	45.024	79	6	3.75	4	9001	ORGAN PASS	7253	7	RO	5938
	8	2	4	7	43.3132	1	1	36	59.167	77	12	19.01	4	9010	JUPITER	7208	4	LT	6916
	8	2	4	7	59.3146	1	1	31	54.642	75	3	54.45	4	9010	JUPITER	7208	6	LT	6917
	8	2	8	37	51.8387	1	3	9	13.981	11	32	26.57	4	9011	VILLA DOLO	6314	3	BA	6657
	8	2	8	38	7.8389	1	3	17	4.812	9	51	37.93	4	9011	VILLA DOLO	6314	7	BA	6658
	8	2	11	52	32.8977	3	15	28	50.131	81	55	12.96	4	9005	TOKYO	6208	3	BN	6269
	8	2	11	53	44.8957	3	21	28	18.976	80	6	32.29	4	9005	TOKYO	6208	12	BN	6270
	8	2	13	58	54.9052	1	21	19	50.739	69	34	26.37	4	9005	TOKYO	6211	7	BN	6271
	8	2	13	59	42.9054	1	22	28	28.669	62	52	4.94	4	9005	TOKYO	6211	19	BN	6272
	8	2	15	59	55.0266	3	17	26	0.004	35	39	17.75	4	9005	TOKYO	6214	3	BN	6273
	8	2	16	0	43.0280	3	17	58	6.306	35	3	58.51	4	9005	TOKYO	6214	9	BN	6274
	8	2	18	26	5.8396	1	3	21	20.041	17	0	26.64	4	9003	WOOMERA	10338	2	DM	6117
	8	2	18	26	29.8394	1	3	30	39.983	14	46	51.67	4	9003	WOOMERA	10338	8	DM	6118
	8	2	19	53	50.5257	3	22	58	20.697	77	18	53.98	4	9008	SHIRAZ	8903	9	RO	6680
	8	2	19	54	10.5258	3	23	24	17.058	74	24	43.21	4	9008	SHIRAZ	8903	14	RO	6681
	8	2	21	55	56.0951	3	17	54	16.985	44	20	43.37	4	9008	SHIRAZ	8905	6	RO	6682
	8	2	21	56	8.0952	3	18	3	15.579	44	15	14.52	4	9008	SHIRAZ	8905	9	RO	6683
	8	3	5	40	36.8779	1	21	40	51.496	83	7	5.46	4	9001	ORGAN PASS	7262	3	RO	5939
	8	3	5	40	44.8778	1	22	7	40.650	82	6	44.68	4	9001	ORGAN PASS	7262	7	RO	5940
	8	3	7	41	44.8069	1	16	0	32.057	49	12	48.27	4	9001	ORGAN PASS	7264	4	BO	5955
	8	3	8	6	29.0771	1	0	51	8.724	-49	48	51.03	4	9009	CURACAO	5722	2	MW	6675
	8	3	8	6	37.0769	1	0	55	35.155	-50	20	53.67	4	9009	CURACAO	5722	3	MW	6676
	8	3	8	12	55.3981	1	2	52	28.654	15	13	0.01	4	9011	VILLA DOLO	6330	3	DU	6659
	8	3	8	13	11.3984	1	2	59	52.258	13	36	23.30	4	9011	VILLA DOLO	6330	7	DU	6660
	8	3	11	28	2.3794	3	16	8	2.997	82	45	34.84	4	9005	TOKYO	6223	3	YK	6521
	8	3	11	28	58.3775	3	20	56	9.598	80	33	2.15	4	9005	TOKYO	6223	10	YK	6522
	8	3	13	33	44.4166	3	20	13	43.246	74	1	4.01	4	9005	TOKYO	6227	4	VD	6523
	8	3	13	34	24.4170	3	21	36	42.227	69	32	45.74	4	9005	TOKYO	6227	9	VD	6524
	8	3	15	35	30.9033	3	17	15	42.600	38	8	44.31	4	9005	TOKYO	6229	12	PG	6775
	8	3	15	35	38.9035	3	17	21	16.141	38	7	24.63	4	9005	TOKYO	6229	13	PG	6776
	8	3	17	22	6.0833	3	10	5	4.112	83	27	13.68	4	9008	SHIRAZ	8911	4	HC	6684
	8	3	17	22	18.0840	3	9	33	6.536	84	57	17.17	4	9008	SHIRAZ	8911	7	HC	6685
	8	3	18	1	36.4866	3	3	13	55.938	17	29	27.37	4	9003	WOOMERA	10352	5	VD	6119
	8	3	18	1	52.4865	3	3	19	48.078	16	3	29.56	4	9003	WOOMERA	10352	9	VD	6120
	8	3	19	28	55.1086	3	22	48	43.213	79	47	11.27	4	9008	SHIRAZ	8913	6	LT	6686
	8	3	19	28	59.1088	3	22	55	33.540	79	13	27.38	4	9008	SHIRAZ	8913	7	LT	6687
	8	3	20	5	33.5225	3	1	59	52.561	-21	27	8.04	4	9003	WOOMERA	10363	10	VD	6121

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	3	20	5	35.5225	3	2	1	21.727	-21	44	58.47	4	9003	WOOMERA	10363	11	VD	6122
	8	3	21	18	24.5188	1	15	3	39.808	79	50	45.12	4	9004	SAN FERNAN	6210	5	MY	6253
	8	3	21	18	32.5187	1	15	31	41.240	80	43	16.23	4	9004	SAN FERNAN	6210	7	MY	6254
	8	3	23	24	32.6611	1	20	13	59.909	68	29	47.99	4	9004	SAN FERNAN	6214	7	MY	6255
	8	4	1	9	14.3971	1	10	34	50.778	71	11	6.99	4	9010	JUPITER	7220	5	LT	6918
	8	4	1	9	22.3983	1	10	33	22.100	72	17	58.24	4	9010	JUPITER	7220	7	LT	6919
	8	4	3	8	39.3718	1	11	54	29.039	72	46	31.36	4	9001	ORGAN PASS	7270	4	VD	6089
	8	4	3	8	59.3719	1	12	4	41.412	76	1	15.25	4	9001	ORGAN PASS	7270	9	VD	6090
	8	4	3	54	25.5678	1	22	37	12.260	- 8	0	7.26	4	9002	OLIFANTS	8579	10	BC	6167
	8	4	3	54	45.5679	1	22	41	27.704	-10	11	26.20	4	9002	OLIFANTS	8579	15	BC	6168
	8	4	5	20	46.5988	1	16	32	42.312	71	1	38.30	4	9010	JUPITER	7224	3	LT	6920
	8	4	5	20	54.5994	1	16	44	30.876	71	32	0.50	4	9010	JUPITER	7224	4	LT	6921
	8	4	7	46	39.1139	1	3	29	18.924	- 7	29	12.19	4	9007	AREQUIPA	6754	2	BA	6535
	8	4	7	47	3.1138	1	3	39	8.179	- 9	56	47.45	4	9007	AREQUIPA	6754	8	BA	6536
	8	4	7	49	28.2369	1	3	15	13.052	9	52	14.24	4	9011	VILLA DOLO	6336	3	DO	6661
	8	4	7	49	48.2369	1	3	24	0.432	7	55	21.20	4	9011	VILLA DOLO	6336	8	DO	6662
	8	4	9	48	22.8844	1	23	20	1.719	-40	57	33.84	4	9007	AREQUIPA	6760	3	HC	6537
	8	4	9	48	42.8840	1	23	29	41.915	-44	13	2.51	4	9007	AREQUIPA	6760	8	HC	6538
	8	4	9	52	45.5863	1	1	14	42.938	-29	21	31.47	4	9011	VILLA DOLO	6346	3	MY	6785
	8	4	9	52	53.5859	1	1	20	24.291	-30	38	18.97	4	9011	VILLA DOLO	6346	5	MY	6786
	8	4	11	3	12.0636	3	15	16	10.915	81	40	48.79	4	9005	TOKYO	6238	5	PG	7269
	8	4	11	3	24.0634	3	16	13	42.907	82	39	18.90	4	9005	TOKYO	6238	8	PG	6771
	8	4	13	9	43.1252	3	21	34	55.471	70	40	0.12	4	9005	TOKYO	6241	11	VD	6525
	8	4	13	9	55.1253	3	21	52	42.328	68	55	27.84	4	9005	TOKYO	6241	14	VD	6526
	8	4	15	10	11.3845	3	16	28	4.068	40	15	13.27	4	9005	TOKYO	6243	7	LD	6527
	8	4	15	11	23.3870	3	17	19	18.023	40	47	27.88	4	9005	TOKYO	6243	16	LD	6528
	8	4	17	37	39.8822	3	3	17	5.892	15	4	47.63	4	9003	WOOMERA	10372	2	VD	6391
	8	4	17	38	7.8820	3	3	26	44.090	12	40	50.92	4	9003	WOOMERA	10372	9	VD	6392
	8	4	19	4	10.1807	3	22	58	49.497	80	38	22.46	4	9008	SHIRAZ	8924	4	LT	6688
	8	4	19	4	38.1816	3	23	29	37.154	76	28	7.69	4	9008	SHIRAZ	8924	11	LT	6689
	8	4	19	40	44.7050	3	1	50	46.560	-16	23	57.51	4	9003	WOOMERA	10380	2	VD	6393
	8	4	19	40	50.7049	3	1	55	2.089	-17	15	55.43	4	9003	WOOMERA	10380	5	VD	6394
	8	4	20	53	47.7111	1	15	5	21.118	80	13	1.58	4	9004	SAN FERNAN	6222	3	MY	6256
	8	4	20	53	59.7111	1	15	53	30.629	81	20	16.34	4	9004	SAN FERNAN	6222	6	MY	6257
	8	4	22	59	47.6237	1	20	0	30.535	70	35	27.72	4	9004	SAN FERNAN	6226	6	DM	6258
	8	4	23	0	3.6239	1	20	33	18.906	68	59	26.30	4	9004	SAN FERNAN	6226	10	DM	6259
	8	5	1	0	59.1765	1	16	50	36.401	34	51	37.46	4	9004	SAN FERNAN	6227	8	DM	6260
	8	5	1	1	7.1765	1	16	55	39.271	34	49	14.04	4	9004	SAN FERNAN	6227	10	DM	6261
	8	5	1	28	14.7976	1	1	43	44.706	18	20	25.18	4	9002	OLIFANTS	8589	4	DM	6169
	8	5	1	28	22.7977	1	1	47	41.860	17	25	28.06	4	9002	OLIFANTS	8589	5	DM	6170
	8	5	1	35	18.4434	1	5	9	11.710	-22	54	24.78	4	9002	OLIFANTS	8590	3	DM	6171
	8	5	1	35	26.4433	1	5	12	36.860	-23	18	18.09	4	9002	OLIFANTS	8590	4	DM	6172
	8	5	2	53	10.0900	1	1	40	35.076	79	39	36.87	4	9010	JUPITER	7231	5	LT	6922
	8	5	2	53	18.0901	1	1	32	21.329	78	41	19.04	4	9010	JUPITER	7231	6	LT	6923
	8	5	6	53	9.8489	1	15	43	37.905	55	36	19.10	4	9001	ORGAN PASS	7285	3	VD	6091

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	5	6	53	33.8426	1	16	3	55.348	56	58	0.20	4	9001	ORGAN PASS	7285	9	VD	6092
	8	5	7	24	12.0470	1	4	7	2.993	-16	11	35.65	4	9007	AREQUIPA	6764	3	GL	7167
	8	5	7	24	28.0461	1	4	12	39.852	-17	19	55.06	4	9007	AREQUIPA	6764	5	GL	7168
	8	5	9	26	12.9784	1	1	13	19.918	-60	50	40.66	4	9007	AREQUIPA	6769	4	GL	7169
	8	5	9	26	44.9791	1	1	49	0.624	-64	0	34.18	4	9007	AREQUIPA	6769	12	GL	7170
	8	5	9	28	13.1728	1	1	18	36.098	-27	16	26.51	4	9011	VILLA DOLO	6358	2	MY	6783
	8	5	9	28	21.1728	1	1	24	31.305	-28	31	0.69	4	9011	VILLA DOLO	6358	4	MY	6784
	8	5	12	44	50.1118	3	21	12	50.700	73	16	22.66	4	9005	TOKYO	6252	6	PG	6774
	8	5	12	45	32.0549	3	22	11	15.401	66	58	10.21	4	9005	TOKYO	6252	16	PG	7270
	8	5	19	17	37.3361	3	2	56	13.887	-24	48	14.32	4	9003	WOOMERA	10386	2	LT	6395
	8	5	19	17	51.3359	3	3	7	21.491	-26	23	21.72	4	9003	WOOMERA	10386	9	LT	6396
	8	5	20	31	26.7963	10	21	55	57.417	69	25	16.98	4	9004	SAN FERNAN	6229	6	DM	6262
	8	5	20	31	34.7961	10	22	2	3.025	68	14	17.12	4	9004	SAN FERNAN	6229	8	DM	6263
	8	5	22	34	36.6071	1	18	37	58.951	74	6	11.50	4	9004	SAN FERNAN	6235	5	VD	6264
	8	5	22	34	44.6073	1	19	0	8.474	73	45	41.69	4	9004	SAN FERNAN	6235	7	VD	6265
	8	6	1	6	19.5450	1	2	56	35.339	1	37	22.82	4	9002	OLIFANTS	8614	11	DM	6173
	8	6	1	6	27.5445	1	3	0	20.957	0	44	20.06	4	9002	OLIFANTS	8614	12	DM	6174
	8	6	1	10	47.8635	1	4	55	11.116	-20	41	50.36	4	9002	OLIFANTS	8615	4	DM	6175
	8	6	1	10	55.8635	1	4	58	23.225	-21	6	27.57	4	9002	OLIFANTS	8615	5	DM	6176
	8	6	4	26	19.4270	1	21	39	10.506	85	57	52.66	4	9001	ORGAN PASS	7291	4	DM	5933
	8	6	4	26	25.4271	1	22	3	32.161	85	7	27.35	4	9001	ORGAN PASS	7291	7	DM	5934
	8	6	7	1	54.9347	1	3	33	29.500	3	56	9.13	4	9011	VILLA DOLO	6362	3	LT	6703
	8	6	7	2	2.9349	1	3	36	34.003	3	15	40.28	4	9011	VILLA DOLO	6362	4	LT	6704
	8	6	8	26	51.0623	1	1	33	32.809	73	36	56.01	4	9012	MAUI	7242	4	LT	6717
	8	6	8	27	3.0625	1	1	28	34.329	72	16	32.71	4	9012	MAUI	7242	7	LT	6718
	8	6	9	2	46.6744	1	2	46	4.668	-63	56	21.41	4	9007	AREQUIPA	6781	2	GL	7175
	8	6	9	3	2.6746	1	3	5	55.419	-64	39	42.85	4	9007	AREQUIPA	6781	6	GL	7176
	8	6	9	4	54.0251	1	2	23	27.170	-35	14	42.59	4	9011	VILLA DOLO	6370	4	VD	6779
	8	6	9	5	10.0247	1	2	38	26.433	-37	11	1.51	4	9011	VILLA DOLO	6370	8	VD	6780
	8	6	12	20	31.1840	3	21	45	7.169	70	47	47.35	4	9005	TOKYO	6258	14	MY	6639
	8	6	12	20	35.1837	3	21	50	4.486	70	10	20.81	4	9005	TOKYO	6258	15	MY	6640
	8	6	14	21	16.5997	3	16	0	46.625	45	20	27.74	4	9005	TOKYO	6261	8	MY	6641
	8	6	14	21	32.6002	3	16	12	59.663	45	46	17.97	4	9005	TOKYO	6261	10	MY	6642
	8	6	22	9	59.6281	1	18	40	23.622	75	27	12.57	4	9004	SAN FERNAN	6239	4	VD	6266
	8	6	22	10	11.6270	1	19	15	13.079	74	43	57.83	4	9004	SAN FERNAN	6239	7	VD	6267
	8	7	0	11	44.3419	1	16	11	3.703	39	37	18.41	4	9004	SAN FERNAN	6241	7	VD	6275
	8	7	2	42	52.3663	1	23	3	30.363	-20	1	52.68	4	9002	OLIFANTS	8645	13	DM	6177
	8	7	2	43	8.3676	1	23	10	14.780	-22	32	38.28	4	9002	OLIFANTS	8645	15	DM	6178
	8	7	4	11	19.4254	1	17	59	10.643	84	7	25.39	4	9009	CURACAO	5757	4	RO	6679
	8	7	6	4	55.2320	1	16	1	51.298	64	4	32.11	4	9001	ORGAN PASS	7305	5	BA	6093
	8	7	6	5	1.2321	1	16	9	45.407	64	25	2.38	4	9001	ORGAN PASS	7305	8	BA	6094
	8	7	8	2	16.3182	1	1	22	46.372	72	24	48.48	4	9012	MAUI	7252	3	LT	6723
	8	7	8	2	36.3182	1	1	15	3.243	70	13	29.99	4	9012	MAUI	7252	8	LT	6724
	8	7	8	39	18.7962	1	4	5	27.643	-62	28	27.42	4	9007	AREQUIPA	6792	3	GL	7171
	8	7	8	39	26.7955	1	4	13	43.569	-62	31	10.32	4	9007	AREQUIPA	6792	4	GL	7172

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	7	8	41	52.3675	1	3	49	54.604	-40	33	30.52	4	9011	VILLA DOLO	6386	4	VD	6777
	8	7	8	42	4.3671	1	4	1	10.835	-41	15	48.35	4	9011	VILLA DOLO	6386	7	VD	6778
	8	7	10	3	22.8392	1	15	20	44.651	68	58	4.88	4	9012	MAUI	7254	2	LT	6721
	8	7	10	3	34.8390	1	15	31	52.495	69	43	40.12	4	9012	MAUI	7254	5	LT	6722
	8	7	21	46	20.3267	1	20	58	6.386	70	4	49.56	4	9004	SAN FERNAN	6247	4	HC	6276
	8	7	21	46	40.3265	1	21	24	44.630	67	1	0.37	4	9004	SAN FERNAN	6247	9	HC	6277
	8	7	23	47	3.6851	1	15	48	34.456	41	55	26.04	4	9004	SAN FERNAN	6249	3	HC	6278
	8	7	23	47	31.6847	1	16	9	16.915	42	23	47.73	4	9004	SAN FERNAN	6249	10	HC	6279
	8	8	2	19	11.5255	1	23	30	41.366	-26	51	55.61	4	9002	OLIFANTS	8661	8	DU	6179
	8	8	2	19	15.5256	1	23	32	54.626	-27	32	17.45	4	9002	OLIFANTS	8661	9	DU	6180
	8	8	3	36	31.0288	1	15	54	4.555	88	57	31.31	4	9001	ORGAN PASS	7310	3	BA	6095
	8	8	3	36	37.0288	1	19	19	25.530	88	51	18.56	4	9001	ORGAN PASS	7310	6	BA	7262
	8	8	3	42	27.5173	1	15	28	6.430	80	53	6.70	4	9010	JUPITER	7243	5	LT	6926
	8	8	3	42	31.5173	1	15	39	57.995	81	11	54.77	4	9010	JUPITER	7243	6	LT	6927
	8	8	5	40	18.6120	1	15	43	18.582	66	37	23.58	4	9001	ORGAN PASS	7315	2	MY	6097
	8	8	5	40	32.6130	1	16	4	11.440	67	28	49.80	4	9001	ORGAN PASS	7315	9	MY	6098
	8	8	7	37	3.3764	1	1	32	1.487	75	16	7.97	4	9012	MAUI	7263	4	LT	7628
	8	8	7	37	15.3764	1	1	23	58.692	74	2	4.94	4	9012	MAUI	7263	7	LT	6716
	8	8	9	38	46.5957	1	14	55	46.765	71	17	17.12	4	9012	MAUI	7267	4	MY	6713
	8	8	9	38	58.5956	1	15	7	44.675	72	7	48.09	4	9012	MAUI	7267	7	MY	6714
	8	8	10	15	51.1705	1	21	17	25.224	-61	25	44.54	4	9007	AREQUIPA	6806	2	GL	7177
	8	8	10	16	15.1706	1	21	17	54.569	-64	15	14.49	4	9007	AREQUIPA	6806	5	GL	7178
	8	8	11	30	24.5463	3	20	18	10.362	78	28	41.96	4	9005	TOKYO	6269	6	HC	6643
	8	8	11	30	28.5464	3	20	28	27.374	77	57	22.22	4	9005	TOKYO	6269	7	HC	6644
	8	8	18	6	20.8819	3	4	15	51.881	-27	5	10.19	4	9003	WOOMERA	10415	3	LT	6397
	8	8	18	6	40.8815	3	4	27	42.692	-28	6	0.70	4	9003	WOOMERA	10415	8	LT	6398
	8	8	20	7	56.4785	3	0	19	51.651	-61	47	47.53	4	9003	WOOMERA	10419	5	LT	6399
	8	8	20	8	6.4782	3	0	30	33.447	-63	17	18.24	4	9003	WOOMERA	10419	10	LT	6400
	8	8	21	21	24.3718	10	20	29	15.326	73	6	25.39	4	9004	SAN FERNAN	6257	3	PG	6385
	8	8	21	21	36.3717	10	20	49	40.697	71	22	24.65	4	9004	SAN FERNAN	6257	6	PG	6386
	8	8	23	22	30.3846	1	15	31	1.485	44	21	4.00	4	9004	SAN FERNAN	6259	5	VD	6359
	8	8	23	22	34.3845	1	15	34	1.670	44	27	43.27	4	9004	SAN FERNAN	6259	6	VD	6360
	8	9	1	56	27.8464	1	0	56	3.118	-42	28	27.21	4	9002	OLIFANTS	8675	6	VD	7259
	8	9	1	56	31.8465	1	0	59	40.601	-43	2	14.68	4	9002	OLIFANTS	8675	7	VD	6181
	8	9	3	11	57.6194	1	21	4	35.717	88	50	23.32	4	9001	ORGAN PASS	7323	2	MY	7263
	8	9	3	12	7.6195	1	22	11	31.214	87	20	22.31	4	9001	ORGAN PASS	7323	7	MY	6099
	8	9	5	15	47.7517	1	15	33	44.562	69	27	46.91	4	9001	ORGAN PASS	7328	2	MY	6100
	8	9	5	16	11.7519	1	16	17	2.962	70	51	7.41	4	9001	ORGAN PASS	7328	8	MY	6101
	8	9	9	15	1.7790	1	15	38	26.525	77	12	26.23	4	9012	MAUI	7279	6	MY	6712
	8	9	9	52	1.7261	1	21	14	42.803	-67	53	47.18	4	9007	AREQUIPA	6814	4	GL	7179
	8	9	9	52	33.7269	1	21	16	20.739	-71	42	56.86	4	9007	AREQUIPA	6814	8	GL	7180
	8	9	13	8	15.2162	3	15	46	24.224	54	39	23.86	4	9005	TOKYO	6279	4	BO	6765
	8	9	13	8	39.2171	3	16	13	55.443	55	26	47.80	4	9005	TOKYO	6279	7	BO	6766
	8	9	20	56	12.7514	1	19	11	8.151	77	42	35.24	4	9004	SAN FERNAN	6266	4	MW	6280
	8	9	20	56	24.7517	1	19	44	47.949	76	22	20.28	4	9004	SAN FERNAN	6266	7	MW	6281

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1962	8	9	22	58	36.7656	1	15	47	31.927	48	0	22.81	4	9004	SAN FERNAN	6269	4	MW	6282
	8	9	22	58	48.7659	1	15	58	56.371	48	15	33.69	4	9004	SAN FERNAN	6269	7	MW	6283
	8	10	1	0	36.6225	1	16	28	2.173	15	58	19.29	4	9004	SAN FERNAN	6272	7	PK	6363
	8	10	1	33	43.1355	1	2	50	37.057	-50	15	15.98	4	9002	OLIFANTS	8687	7	VD	7260
	8	10	1	33	51.1357	1	2	58	55.562	-50	41	52.82	4	9002	OLIFANTS	8687	8	VD	6183
	8	10	1	36	35.2069	1	5	26	56.220	-52	10	44.46	4	9002	OLIFANTS	8688	6	MW	6184
	8	10	1	36	43.2066	1	5	32	32.617	-52	0	33.60	4	9002	OLIFANTS	8688	7	MW	6185
	8	10	2	58	45.6187	1	23	50	11.153	79	58	30.26	4	9009	CURACAO	5782	4	HC	6621
	8	10	2	59	1.6189	1	23	54	47.761	78	15	7.10	4	9009	CURACAO	5782	6	HC	6622
	8	10	3	32	7.3136	1	21	18	47.274	-30	40	30.89	4	9002	OLIFANTS	8695	4	PG	5943
	8	10	3	32	31.3142	1	21	21	8.580	-33	16	45.76	4	9002	OLIFANTS	8695	7	PG	5944
	8	10	4	51	41.1750	1	16	18	38.316	73	33	21.43	4	9001	ORGAN PASS	7345	2	HC	6102
	8	10	4	51	47.1771	1	16	33	0.731	73	45	45.50	4	9001	ORGAN PASS	7345	5	HC	6103
	8	10	8	50	53.1435	1	16	29	31.240	81	8	21.37	4	9012	MAUI	7291	3	BA	6902
	8	10	8	50	57.1434	1	16	42	1.033	81	17	10.60	4	9012	MAUI	7291	4	BA	6903
	8	10	16	40	49.5277	10	16	5	16.139	73	51	20.43	4	9006	NAIN TAL	4756	2	LD	6529
	8	10	16	41	29.5288	10	17	40	55.562	74	32	22.20	4	9006	NAIN TAL	4756	12	LD	6530
	8	10	19	20	52.1749	3	4	6	45.845	-68	24	2.95	4	9003	WOOMERA	10436	3	LT	6401
	8	10	19	21	16.1741	3	4	48	20.605	-67	52	24.51	4	9003	WOOMERA	10436	9	LT	6402
	8	10	20	31	22.7942	1	18	34	45.617	79	22	24.45	4	9004	SAN FERNAN	6282	4	PK	6366
	8	10	20	31	26.7943	1	18	49	6.606	79	0	54.12	4	9004	SAN FERNAN	6282	5	PK	6367
	8	10	22	34	29.9389	1	16	0	24.753	51	25	18.94	4	9004	SAN FERNAN	6286	4	VD	6357
	8	10	22	34	37.9389	1	16	9	26.014	51	32	22.16	4	9004	SAN FERNAN	6286	6	VD	6358
	8	11	1	11	4.3606	1	4	29	18.916	-49	35	20.35	4	9002	OLIFANTS	8707	5	PG	5941
	8	11	1	11	12.3606	1	4	35	27.135	-49	35	23.46	4	9002	OLIFANTS	8707	6	PG	5942
	8	11	3	8	55.7869	1	21	17	55.221	-40	15	4.77	4	9002	OLIFANTS	8712	3	LD	6186
	8	11	3	9	11.7873	1	21	19	54.710	-42	17	7.47	4	9002	OLIFANTS	8712	5	LD	6187
	8	11	3	16	54.5976	1	9	2	44.464	-74	15	44.44	4	9002	OLIFANTS	8714	3	HC	6188
	8	11	3	17	2.5975	1	9	5	36.440	-73	23	26.02	4	9002	OLIFANTS	8714	4	HC	6189
	8	11	4	27	8.0569	1	16	19	26.716	75	57	53.38	4	9001	ORGAN PASS	7358	3	LD	6104
	8	11	4	27	14.0569	1	16	36	30.717	76	7	3.59	4	9001	ORGAN PASS	7358	6	LD	7264
	8	11	6	28	43.6257	1	15	28	16.299	34	32	38.62	4	9001	ORGAN PASS	7361	2	LD	6105
	8	11	6	28	59.6257	1	15	36	46.686	34	25	54.89	4	9001	ORGAN PASS	7361	6	LD	6106
	8	11	8	26	13.7698	1	16	17	18.846	83	18	49.54	4	9012	MAUI	7301	3	HC	6906
	8	11	8	26	21.7698	1	16	51	6.033	83	34	1.40	4	9012	MAUI	7301	5	HC	6907
	8	11	9	4	39.8475	1	22	13	32.571	-82	49	24.38	4	9007	AREQUIPA	6827	3	GL	7786
	8	11	9	4	47.8474	1	22	24	29.238	-83	40	44.04	4	9007	AREQUIPA	6827	4	GL	8343
	8	11	9	8	6.9795	1	3	32	39.570	-74	42	17.50	4	9011	VILLA DOLO	6403	5	VD	6669
	8	11	9	8	10.9795	1	3	42	59.012	-74	43	9.34	4	9011	VILLA DOLO	6403	6	VD	6670
	8	11	12	19	57.8248	3	16	30	57.237	61	45	4.00	4	9005	TOKYO	6304	12	BO	6769
	8	11	12	20	5.8248	3	16	44	6.424	61	46	37.83	4	9005	TOKYO	6304	14	BO	6770
	8	11	18	56	55.5747	3	4	59	1.070	-64	29	36.58	4	9003	WOOMERA	10448	3	LT	6403
	8	11	18	57	15.5743	3	5	24	25.358	-63	32	48.30	4	9003	WOOMERA	10448	8	LT	6404
	8	11	22	9	19.0558	1	15	5	43.232	53	5	38.74	4	9004	SAN FERNAN	6299	5	LT	6374
	8	12	2	45	55.6229	1	21	25	34.697	-53	25	36.47	4	9002	OLIFANTS	8729	4	RO	6190

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	12	2	46	11.6233	1	21	28	54.480	-55	45	17.78	4	9002	OLIFANTS	8729	6	RO	8371
	8	12	2	52	18.7340	1	8	33	4.325	-72	54	20.56	4	9002	OLIFANTS	8730	4	VD	6192
	8	12	2	52	34.7339	1	8	39	43.054	-71	13	55.11	4	9002	OLIFANTS	8730	6	VD	6193
	8	12	4	3	21.2329	1	18	56	24.753	76	22	43.05	4	9001	ORGAN PASS	7371	3	MW	6107
	8	12	4	3	31.2330	1	19	22	8.660	75	23	13.71	4	9001	ORGAN PASS	7371	8	MW	6108
	8	12	6	4	25.8305	1	15	18	24.055	36	52	34.27	4	9001	ORGAN PASS	7374	4	MW	6109
	8	12	6	4	33.8306	1	15	23	0.845	36	51	3.15	4	9001	ORGAN PASS	7374	6	MW	6110
	8	12	8	40	50.5060	1	2	27	57.118	-86	11	4.70	4	9007	AREQUIPA	6832	4	GL	7173
	8	12	8	40	58.5057	1	3	19	55.728	-86	10	37.80	4	9007	AREQUIPA	6832	5	GL	7174
	8	12	11	55	42.8685	3	17	0	3.957	64	22	4.57	4	9005	TOKYO	6314	4	HC	7272
	8	12	11	56	10.8688	3	17	51	51.651	63	13	5.84	4	9005	TOKYO	6314	11	HC	6646
	8	12	15	52	14.4408	10	17	53	10.725	78	51	57.69	4	9006	NAIN TAL	4758	9	LT	6653
	8	12	15	52	26.4410	10	18	32	1.622	78	13	59.73	4	9006	NAIN TAL	4758	12	LT	6654
	8	12	17	50	55.2208	3	17	47	19.396	75	13	7.51	4	9008	SHIRAZ	8996	6	PK	6633
	8	12	17	51	3.2212	3	18	8	17.156	74	51	33.46	4	9008	SHIRAZ	8996	10	PK	6634
	8	13	2	22	41.7244	1	21	49	18.150	-66	7	5.64	4	9002	OLIFANTS	8744	4	VD	6194
	8	13	2	22	53.7245	1	21	55	12.131	-67	54	37.08	4	9002	OLIFANTS	8744	7	VD	6195
	8	13	2	27	51.4453	1	8	8	43.456	-70	35	35.88	4	9002	OLIFANTS	8745	4	VD	6196
	8	13	2	27	59.4454	1	8	12	17.026	-69	47	41.95	4	9002	OLIFANTS	8745	5	VD	6197
	8	13	3	39	31.3553	1	20	41	16.113	71	3	14.28	4	9001	ORGAN PASS	7382	5	DM	7265
	8	13	3	39	33.3552	1	20	43	47.679	70	44	29.00	4	9001	ORGAN PASS	7382	6	DM	6112
	8	13	7	38	24.4384	1	22	19	9.242	78	54	22.75	4	9012	MAUI	7308	6	MY	6711
	8	13	8	19	31.2007	1	4	40	37.213	-68	59	56.42	4	9011	VILLA DOLO	6419	5	VD	6781
	8	13	8	19	43.2003	1	4	59	53.057	-68	22	15.80	4	9011	VILLA DOLO	6419	8	VD	6782
	8	13	15	28	24.0630	3	20	18	16.045	75	40	43.38	4	9006	NAIN TAL	4759	8	LT	6651
	8	13	15	28	50.1971	3	20	56	21.749	71	53	12.54	4	9006	NAIN TAL	4759	12	LT	6652
	8	13	18	8	51.3995	3	5	33	27.500	-55	50	1.78	4	9003	WOOMERA	10466	3	LD	6405
	8	13	18	9	11.3990	3	5	48	24.808	-54	47	45.64	4	9003	WOOMERA	10466	8	LD	6406
	8	13	20	10	23.6040	3	22	18	8.799	-79	28	25.67	4	9003	WOOMERA	10470	3	LD	6407
	8	13	20	10	47.6034	3	22	49	35.357	-82	58	2.44	4	9003	WOOMERA	10470	9	LD	6408
	8	13	21	21	54.4425	1	17	9	54.864	59	42	4.94	4	9004	SAN FERNAN	6313	4	BO	6377
	8	13	21	21	58.4425	1	17	16	33.836	59	30	16.97	4	9004	SAN FERNAN	6313	6	BO	6378
	8	13	23	23	26.8254	1	15	47	45.304	20	40	3.24	4	9004	SAN FERNAN	6315	4	PG	6383
	8	13	23	23	30.8258	1	15	49	48.222	20	29	53.39	4	9004	SAN FERNAN	6315	5	PG	6384
	8	14	1	16	19.2482	10	22	56	0.340	76	27	53.07	4	9010	JUPITER	7267	5	DM	6789
	8	14	1	16	27.2492	10	22	55	7.677	75	18	23.75	4	9010	JUPITER	7267	7	DM	6790
	8	14	1	59	5.7374	1	22	48	4.737	-75	6	17.32	4	9002	OLIFANTS	8759	7	MW	5964
	8	14	1	59	29.3706	1	23	25	42.457	-78	2	0.25	4	9002	OLIFANTS	8759	12	MW	5965
	8	14	3	14	18.7310	1	19	55	34.437	76	44	59.90	4	9001	ORGAN PASS	7385	3	DM	6113
	8	14	3	14	24.7311	1	20	7	6.686	75	53	51.21	4	9001	ORGAN PASS	7385	6	DM	6114
	8	14	3	18	34.4278	1	15	18	57.842	59	11	35.26	4	9010	JUPITER	7269	4	MY	6787
	8	14	3	18	42.4273	1	15	27	22.794	59	24	16.14	4	9010	JUPITER	7269	6	MY	6788
	8	14	5	16	1.9840	1	15	10	50.800	42	15	14.02	4	9001	ORGAN PASS	7388	3	DM	6115
	8	14	5	16	21.9841	1	15	25	47.563	42	13	0.61	4	9001	ORGAN PASS	7388	8	DM	6116
	8	14	7	14	19.6798	1	22	48	16.436	73	54	51.93	4	9012	MAUI	7313	4	YK	8342

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	14	7	14	27.6798	1	22	50	1.741	72	49	10.37	4	9012	MAUI	7313	6	YK	6800
	8	14	19	46	36.8285	3	1	34	53.667	-86	10	15.04	4	9003	WOOMERA	10479	3	PL	7152
	8	14	19	46	56.8285	3	4	41	52.250	-86	12	32.39	4	9003	WOOMERA	10479	8	PL	7153
	8	15	1	36	0.0713	1	3	18	32.146	-80	19	24.23	4	9002	OLIFANTS	8773	3	VD	5974
	8	15	1	36	24.0746	1	4	29	37.630	-79	19	27.32	4	9002	OLIFANTS	8773	9	VD	7620
	8	15	3	38	42.9539	1	20	14	47.215	-70	44	50.35	4	9002	OLIFANTS	8776	6	BN	5962
	8	15	3	39	6.9540	1	20	6	12.835	-73	31	55.81	4	9002	OLIFANTS	8776	9	BN	7618
	8	15	3	41	47.2756	1	12	47	21.979	-83	42	59.79	4	9002	OLIFANTS	8777	5	BN	5958
	8	15	3	42	24.6528	1	11	26	17.371	-80	12	9.86	4	9002	OLIFANTS	8777	12	BN	5959
	8	15	9	33	32.9917	1	22	21	33.913	-82	32	35.72	4	9011	VILLA DOLO	6431	5	BA	6655
	8	15	9	33	48.9912	1	22	55	20.933	-84	49	29.45	4	9011	VILLA DOLO	6431	9	BA	6656
	8	15	10	42	42.1376	3	18	36	8.407	67	14	45.51	4	9005	TOKYO	6344	8	LT	6647
	8	15	10	42	46.1378	3	18	43	12.757	66	45	8.07	4	9005	TOKYO	6344	9	LT	6648
	8	15	12	45	26.8663	3	16	11	57.476	27	11	19.07	4	9005	TOKYO	6347	15	BO	6763
	8	15	12	45	30.8664	3	16	14	52.774	26	57	18.28	4	9005	TOKYO	6347	16	BO	6764
	8	15	19	22	46.3380	3	6	37	57.230	-82	11	48.88	4	9003	WOOMERA	10489	3	GL	6487
	8	15	19	23	2.3377	3	7	10	29.322	-80	14	45.03	4	9003	WOOMERA	10489	7	GL	6488
	8	15	20	33	20.3419	10	18	11	58.361	61	26	41.88	4	9004	SAN FERNAN	6320	4	LT	6370
	8	15	20	33	22.3419	10	18	15	11.283	61	12	58.75	4	9004	SAN FERNAN	6320	5	LT	6371
	8	16	6	25	49.4092	1	22	54	14.751	66	32	49.41	4	9012	MAUI	7319	3	YK	7630
	8	16	6	25	57.4092	1	22	54	13.180	65	29	2.17	4	9012	MAUI	7319	5	YK	7631
	8	16	12	19	51.9157	3	15	13	28.640	32	43	17.07	4	9005	TOKYO	6358	7	BO	6767
	8	16	12	19	59.9158	3	15	19	12.884	32	29	9.25	4	9005	TOKYO	6358	9	BO	6768
	8	16	18	58	28.7622	3	6	50	14.681	-78	23	59.46	4	9003	WOOMERA	10499	3	PG	6389
	8	16	18	58	52.7618	3	7	17	33.380	-75	27	7.01	4	9003	WOOMERA	10499	9	PG	6390
	8	16	22	11	18.4447	1	15	57	30.249	23	12	51.87	4	9004	SAN FERNAN	6331	5	PK	6364
	8	16	22	11	26.4448	1	16	3	2.798	22	41	54.12	4	9004	SAN FERNAN	6331	7	PK	6365
	8	17	2	10	11.3499	1	17	29	25.529	74	19	43.48	4	9009	CURACAO	5813	5	RO	6677
	8	17	2	10	27.3502	1	17	56	30.421	73	51	47.75	4	9009	CURACAO	5813	7	RO	6678
	8	17	4	3	25.6017	1	15	26	17.900	51	54	50.44	4	9001	ORGAN PASS	7407	3	PK	5924
	8	17	4	3	33.6016	1	15	35	27.573	51	49	59.95	4	9001	ORGAN PASS	7407	7	PK	5925
	8	17	6	1	0.2101	1	22	50	37.586	67	26	8.61	4	9012	MAUI	7330	6	BN	6693
	8	17	8	2	29.1387	1	15	21	23.320	59	41	19.56	4	9012	MAUI	7332	3	LT	6924
	8	17	8	2	33.1387	1	15	25	18.609	59	43	31.38	4	9012	MAUI	7332	4	LT	7626
	8	17	8	45	48.4233	1	7	14	11.233	-80	53	4.67	4	9011	VILLA DOLO	6442	5	VD	6665
	8	17	8	45	56.4231	1	7	25	18.843	-79	49	4.69	4	9011	VILLA DOLO	6442	7	VD	6666
	8	17	11	56	14.1527	3	15	43	4.890	33	39	23.27	4	9005	TOKYO	6364	6	BO	6761
	8	17	11	56	34.1524	3	16	0	10.068	32	34	54.32	4	9005	TOKYO	6364	11	BO	6762
	8	17	18	34	53.6535	3	7	19	20.002	-69	35	45.56	4	9003	WOOMERA	10510	4	PG	8375
	8	17	18	35	5.6532	3	7	25	33.800	-68	12	49.66	4	9003	WOOMERA	10510	7	PG	8376
	8	17	21	47	5.8318	1	16	0	26.569	24	41	29.99	4	9004	SAN FERNAN	6340	4	VD	6361
	8	17	21	47	29.8320	1	16	18	42.697	22	53	8.99	4	9004	SAN FERNAN	6340	10	VD	6362
	8	18	2	23	47.3817	1	19	47	47.393	-65	31	50.65	4	9002	OLIFANTS	8825	5	DU	7619
	8	18	2	24	27.3343	1	19	42	13.100	-70	23	54.49	4	9002	OLIFANTS	8825	12	DU	7748
	8	18	3	39	40.2812	1	16	19	46.048	54	10	59.39	4	9001	ORGAN PASS	7418	3	BO	5956

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	18	3	39	48.2821	1	16	30	34.726	53	46	4.51	4	9001	ORGAN PASS	7418	7	BO	5957
	8	18	5	42	10.7918	1	15	47	31.790	10	41	42.03	4	9001	ORGAN PASS	7420	4	BO	5953
	8	18	5	42	18.7828	1	15	50	59.903	10	8	53.20	4	9001	ORGAN PASS	7420	6	BO	5954
	8	18	8	21	15.1599	1	6	55	59.025	-79	7	25.74	4	9011	VILLA DOLO	6455	3	VD	6701
	8	18	8	21	27.1595	1	7	10	4.133	-77	33	30.37	4	9011	VILLA DOLO	6455	6	VD	6702
	8	18	20	12	41.2414	10	20	47	22.366	-87	8	27.53	4	9003	WOOMERA	10526	3	PG	6387
	8	18	20	12	49.2411	10	20	41	13.230	-88	17	41.82	4	9003	WOOMERA	10526	5	PG	6388
	8	19	2	0	51.3166	1	19	10	39.050	-78	55	43.06	4	9002	OLIFANTS	8837	6	MY	7266
	8	19	2	1	7.3171	1	18	58	9.002	-80	53	4.23	4	9002	OLIFANTS	8837	8	MY	7267
	8	19	5	17	35.3395	1	15	31	33.187	12	51	43.92	4	9001	ORGAN PASS	7430	5	BA	5930
	8	19	5	17	47.3413	1	15	37	4.686	12	2	36.65	4	9001	ORGAN PASS	7430	8	BA	7773
	8	19	7	57	37.2793	1	7	20	2.845	-70	20	10.44	4	9011	VILLA DOLO	6465	4	VD	6699
	8	19	7	57	45.2790	1	7	23	55.202	-69	21	12.64	4	9011	VILLA DOLO	6465	5	VD	6700
	8	19	9	57	20.2310	1	21	6	40.415	-63	34	29.91	4	9011	VILLA DOLO	6470	5	VD	6697
	8	19	9	57	36.2310	1	21	9	17.994	-65	30	58.91	4	9011	VILLA DOLO	6470	7	VD	6698
	8	19	17	46	32.3327	3	6	56	18.848	-61	29	58.93	4	9003	WOOMERA	10527	5	PL	7154
	8	19	17	46	48.3324	3	7	2	6.055	-59	56	3.37	4	9003	WOOMERA	10527	9	PL	7155
	8	19	20	58	50.9551	1	16	24	57.923	26	39	47.98	4	9004	SAN FERNAN	6348	8	LT	6369
	8	19	23	1	57.9980	1	16	16	10.603	- 6	26	43.09	4	9004	SAN FERNAN	6350	4	BO	6375
	8	19	23	2	5.9981	1	16	19	7.970	- 7	3	12.66	4	9004	SAN FERNAN	6350	6	BO	6376
	8	20	0	57	55.8749	1	20	43	31.879	70	54	1.64	4	9009	CURACAO	5818	3	VD	6627
	8	20	0	58	3.8750	1	20	49	33.572	69	56	27.33	4	9009	CURACAO	5818	4	VD	6628
	8	20	1	36	57.6015	1	18	5	15.370	-85	17	9.81	4	9002	OLIFANTS	8856	5	MY	5968
	8	20	1	37	13.6017	1	16	52	56.153	-86	54	51.78	4	9002	OLIFANTS	8856	7	MY	5969
	8	20	1	38	53.1416	1	8	58	11.144	-79	41	36.15	4	9002	OLIFANTS	8857	2	MY	6124
	8	20	1	39	17.1417	1	8	49	10.012	-76	58	22.19	4	9002	OLIFANTS	8857	5	MY	6125
	8	20	2	52	0.9269	1	18	22	8.698	51	2	23.36	4	9001	ORGAN PASS	7438	3	DM	5928
	8	20	2	52	8.9251	1	18	30	54.409	49	48	8.70	4	9001	ORGAN PASS	7438	7	DM	5929
	8	20	3	42	10.8496	1	18	29	33.474	-83	31	26.97	4	9002	OLIFANTS	8858	6	MY	5970
	8	20	3	42	26.8500	1	17	36	43.697	-84	56	9.39	4	9002	OLIFANTS	8858	8	MY	5971
	8	20	6	50	23.7602	1	17	29	46.106	67	53	30.87	4	9012	MAUI	7349	4	BN	6707
	8	20	6	50	27.7602	1	17	36	4.451	67	36	16.16	4	9012	MAUI	7349	6	BN	6708
	8	20	7	33	14.9657	1	7	4	16.374	-67	25	41.31	4	9011	VILLA DOLO	6476	6	BN	6695
	8	20	7	33	30.9657	1	7	11	1.127	-65	34	12.20	4	9011	VILLA DOLO	6476	8	BN	6696
	8	20	10	44	33.1726	3	17	19	28.200	33	31	48.52	4	9005	TOKYO	6373	5	MY	7271
	8	20	10	44	57.1730	3	17	42	30.576	30	18	13.84	4	9005	TOKYO	6373	11	MY	6636
	8	20	17	22	10.5147	3	6	39	12.995	-58	53	52.76	4	9003	WOOMERA	10536	4	PL	7156
	8	20	17	22	18.5147	3	6	42	2.548	-58	9	48.02	4	9003	WOOMERA	10536	6	PL	7157
	8	20	20	34	42.7678	1	16	42	20.158	27	17	2.19	4	9004	SAN FERNAN	6354	2	BO	6379
	8	20	20	34	52.7843	1	16	51	29.560	26	8	18.48	4	9004	SAN FERNAN	6354	7	BO	6380
	8	21	0	34	20.7187	1	21	26	46.717	62	55	48.83	4	9009	CURACAO	5823	7	PK	6632
	8	21	1	13	51.4715	1	8	32	5.141	-81	41	51.88	4	9002	OLIFANTS	8873	6	BN	5960
	8	21	1	14	7.4717	1	8	25	33.562	-79	50	4.00	4	9002	OLIFANTS	8873	8	BN	5961
	8	21	3	17	40.6635	1	17	15	49.219	-84	34	38.10	4	9002	OLIFANTS	8876	6	HC	6126
	8	21	3	17	48.6639	1	16	40	9.371	-85	7	12.59	4	9002	OLIFANTS	8876	7	HC	6127

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	21	3	21	7.7159	1	9	40	1.764	-67	13	41.78	4	9002	OLIFANTS	8877	4	HC	6128
	8	21	3	21	23.7160	1	9	37	43.842	-65	19	23.37	4	9002	OLIFANTS	8877	6	HC	6129
	8	21	8	28	19.6506	1	15	24	0.040	20	58	39.17	4	9012	MAUI	7358	4	MY	6709
	8	21	8	28	27.6504	1	15	27	24.520	20	26	7.08	4	9012	MAUI	7358	6	MY	6710
	8	21	18	59	53.6330	3	8	15	17.221	-80	47	20.40	4	9003	WOOMERA	10550	3	PK	6495
	8	21	19	0	9.6327	3	8	16	27.177	-78	32	40.36	4	9003	WOOMERA	10550	7	PK	6496
	8	21	20	11	52.2299	1	18	7	7.308	16	37	24.11	4	9004	SAN FERNAN	6361	8	LT	6368
	8	21	22	13	8.3818	1	15	56	7.404	- 5	23	8.65	4	9004	SAN FERNAN	6362	3	BO	6381
	8	21	22	13	16.3820	1	15	59	25.528	- 6	2	32.64	4	9004	SAN FERNAN	6362	5	BO	6382
	8	22	0	49	59.2313	1	7	49	4.757	-75	37	39.46	4	9002	OLIFANTS	8892	4	PK	6130
	8	22	0	50	7.2313	1	7	49	4.436	-74	44	22.08	4	9002	OLIFANTS	8892	5	PK	6131
	8	22	2	52	57.2354	1	16	46	22.643	-84	28	17.89	4	9002	OLIFANTS	8895	4	MW	5966
	8	22	2	53	21.2357	1	14	40	0.605	-85	27	33.41	4	9002	OLIFANTS	8895	7	MW	5967
	8	22	2	56	0.8318	1	9	31	21.119	-70	2	5.73	4	9002	OLIFANTS	8896	5	DU	6132
	8	22	2	56	16.8326	1	9	27	49.728	-68	9	11.74	4	9002	OLIFANTS	8896	7	DU	6133
	8	22	6	2	27.7034	1	19	36	29.564	62	38	34.49	4	9012	MAUI	7365	11	BN	6694
	8	22	6	2	31.7033	1	19	39	55.591	62	2	9.26	4	9012	MAUI	7365	13	BN	7274
	8	22	8	3	44.0233	1	15	9	8.683	23	59	51.68	4	9012	MAUI	7368	3	BA	7625
	8	22	8	3	52.0230	1	15	12	48.714	23	28	35.79	4	9012	MAUI	7368	5	BA	6905
	8	22	8	46	48.8403	1	7	14	22.723	-85	35	18.11	4	9011	VILLA DOLO	6479	4	MW	6667
	8	22	8	47	4.8399	1	7	37	53.074	-83	15	51.80	4	9011	VILLA DOLO	6479	8	MW	6668
	8	22	21	48	49.5293	1	15	49	38.702	- 5	16	21.65	4	9004	SAN FERNAN	6370	4	LT	6372
	8	22	21	48	53.5293	1	15	51	23.804	- 5	36	54.68	4	9004	SAN FERNAN	6370	5	LT	6373
	8	23	1	46	49.3561	1	15	37	56.410	43	34	44.65	4	9009	CURACAO	5837	3	DM	6910
	8	23	1	46	57.3565	1	15	43	0.891	43	11	24.26	4	9009	CURACAO	5837	4	DM	6911
	8	23	2	27	47.1213	1	17	39	3.378	-82	12	20.18	4	9002	OLIFANTS	8910	6	PK	6134
	8	23	2	28	3.1218	1	16	57	48.356	-83	37	30.85	4	9002	OLIFANTS	8910	8	PK	6135
	8	23	5	41	7.7847	1	21	9	10.767	31	11	21.79	4	9012	MAUI	7375	4	LT	6719
	8	23	5	41	11.7846	1	21	10	10.740	30	34	28.13	4	9012	MAUI	7375	6	LT	6720
	8	23	7	40	4.6001	1	15	22	54.645	23	17	54.72	4	9012	MAUI	7378	5	HC	6908
	8	23	7	40	8.6000	1	15	25	0.082	22	58	40.63	4	9012	MAUI	7378	6	HC	6909
	8	23	8	23	6.6404	1	7	47	38.579	-76	39	56.30	4	9011	VILLA DOLO	6485	4	MW	6663
	8	23	8	23	30.6396	1	7	53	21.307	-73	13	31.72	4	9011	VILLA DOLO	6485	7	MW	6664
	8	23	18	12	3.7999	3	7	45	19.826	-67	42	46.18	4	9003	WOOMERA	10565	4	PK	6485
	8	23	18	12	23.8002	3	7	47	19.325	-65	13	40.43	4	9003	WOOMERA	10565	9	PK	6486
	8	23	20	16	12.0092	3	7	11	11.761	-72	47	26.38	4	9003	WOOMERA	10568	2	PL	7158
	8	23	20	16	42.9525	3	7	33	16.203	-67	59	19.24	4	9003	WOOMERA	10568	11	PL	7159
	8	24	2	2	46.6413	1	17	46	25.020	-80	36	6.01	4	9002	OLIFANTS	8923	6	PG	5945
	8	24	2	2	54.6411	1	17	33	45.364	-81	24	12.61	4	9002	OLIFANTS	8923	7	PG	5946
	8	24	2	5	32.8625	1	9	29	28.299	-76	56	20.39	4	9002	OLIFANTS	8924	5	PG	5947
	8	24	2	5	56.8630	1	9	15	22.917	-74	13	33.17	4	9002	OLIFANTS	8924	8	PG	5948
	8	24	7	15	39.4262	1	15	16	46.601	26	5	36.38	4	9012	MAUI	7388	3	YK	6803
	8	24	7	15	45.4262	1	15	20	13.453	25	36	3.41	4	9012	MAUI	7388	6	YK	6804
	8	24	17	5	31.4657	3	16	0	46.988	2	24	59.78	4	9008	SHIRAZ	9049	9	LT	6705
	8	24	17	5	43.4661	3	16	7	35.311	1	1	11.03	4	9008	SHIRAZ	9049	12	LT	6706

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	24	17	47	17.0974	3	7	25	14.229	-68	6	58.60	4	9003	WOOMERA	10579	3	PL	7160
	8	24	17	47	29.0965	3	7	26	43.184	-66	37	50.44	4	9003	WOOMERA	10579	6	PL	7161
	8	24	19	51	6.6683	10	6	48	46.476	-76	36	32.13	4	9003	WOOMERA	10582	2	PL	7162
	8	24	19	51	42.6681	10	7	19	1.666	-71	9	36.74	4	9003	WOOMERA	10582	11	PL	7163
	8	25	0	59	15.8833	1	16	41	15.317	45	36	11.46	4	9009	CURACAO	5847	5	DM	6793
	8	25	0	59	31.8837	1	16	54	25.995	44	6	24.07	4	9009	CURACAO	5847	9	DM	6794
	8	25	2	53	33.0481	1	16	28	47.719	9	26	28.31	4	9001	ORGAN PASS	7460	4	BO	6163
	8	25	2	53	45.0479	1	16	37	19.123	7	51	49.40	4	9001	ORGAN PASS	7460	10	BO	6164
	8	25	6	51	56.9205	1	15	39	47.344	25	12	30.96	4	9012	MAUI	7396	5	YK	6805
	8	25	7	34	39.9906	1	7	26	58.790	-68	21	36.34	4	9011	VILLA DOLO	6509	5	MW	6671
	8	25	7	34	47.9907	1	7	28	10.092	-67	17	43.91	4	9011	VILLA DOLO	6509	6	MW	6672
	8	25	9	38	59.9679	1	6	12	19.088	-69	2	54.58	4	9011	VILLA DOLO	6514	5	YK	6795
	8	25	9	39	7.9677	1	6	20	59.323	-67	50	17.90	4	9011	VILLA DOLO	6514	7	YK	6796
	8	26	0	35	46.2260	1	17	41	8.158	42	17	49.09	4	9009	CURACAO	5854	5	VD	6623
	8	26	0	35	54.2259	1	17	47	39.640	41	12	35.13	4	9009	CURACAO	5854	7	VD	6624
	8	26	6	28	7.3423	1	16	5	55.749	24	12	40.47	4	9012	MAUI	7405	4	BN	6691
	8	26	6	28	13.3422	1	16	10	15.199	23	26	52.23	4	9012	MAUI	7405	7	BN	6692
	8	26	7	10	46.7499	1	7	16	22.005	-62	0	14.44	4	9011	VILLA DOLO	6525	4	YK	6797
	8	26	7	11	2.7499	1	7	18	16.042	-60	3	23.25	4	9011	VILLA DOLO	6525	6	YK	6798
	8	26	16	59	5.1961	1	6	54	39.743	-59	21	45.08	4	9003	WOOMERA	10597	3	HC	7621
	8	26	16	59	29.1960	1	6	57	34.163	-56	48	58.33	4	9003	WOOMERA	10597	9	HC	7622
	8	26	19	1	56.3821	3	6	59	5.918	-74	50	0.15	4	9003	WOOMERA	10599	5	BA	7164
	8	26	19	2	20.3818	3	7	11	2.412	-71	13	14.42	4	9003	WOOMERA	10599	11	BA	8867
	8	27	0	11	49.2618	1	18	20	3.094	40	1	17.19	4	9009	CURACAO	5857	5	VD	6625
	8	27	0	11	57.2620	1	18	25	59.878	38	43	54.97	4	9009	CURACAO	5857	7	VD	6626
	8	27	2	53	8.7026	1	20	30	34.249	-75	33	33.27	4	9002	OLIFANTS	8970	5	BO	5951
	8	27	2	53	16.7029	1	20	33	48.114	-76	26	37.70	4	9002	OLIFANTS	8970	6	BO	5952
	8	27	3	2	32.1854	1	8	29	54.215	-29	20	43.37	4	9002	OLIFANTS	8971	6	BO	5949
	8	27	3	2	48.1852	1	8	31	36.724	-27	37	5.76	4	9002	OLIFANTS	8971	8	BO	5950
	8	27	4	7	56.6713	1	15	32	17.855	-17	16	7.58	4	9001	ORGAN PASS	7476	7	BO	7258
	8	27	4	8	0.6714	1	15	33	40.945	-17	36	30.40	4	9001	ORGAN PASS	7476	8	BO	6166
	8	27	6	6	3.7688	1	17	53	41.485	4	38	24.29	4	9012	MAUI	7410	10	HC	6741
	8	27	6	6	19.7678	1	18	3	55.234	1	57	39.48	4	9012	MAUI	7410	12	HC	6742
	8	27	8	8	51.4852	1	15	50	57.423	-22	5	29.13	4	9012	MAUI	7411	3	DM	6895
	8	27	8	8	55.4850	1	15	52	3.673	-22	27	50.92	4	9012	MAUI	7411	4	DM	6896
	8	27	18	38	11.5861	3	7	13	51.200	-66	21	38.64	4	9003	WOOMERA	10614	4	GL	6491
	8	27	18	38	15.5859	3	7	14	47.032	-65	46	33.19	4	9003	WOOMERA	10614	5	GL	6492
	8	27	23	47	54.5106	1	18	56	27.315	35	53	46.38	4	9009	CURACAO	5862	4	PK	6629
	8	27	23	48	2.5107	1	19	1	24.396	34	28	50.78	4	9009	CURACAO	5862	6	PK	6630
	8	28	5	40	30.0532	1	17	17	4.784	18	34	59.56	4	9012	MAUI	7419	5	MW	6893
	8	28	5	40	38.0529	1	17	22	54.024	17	11	33.90	4	9012	MAUI	7419	9	MW	6894
	8	28	7	44	34.4709	1	15	45	9.453	-23	1	53.34	4	9012	MAUI	7420	7	DM	6897
	8	28	7	44	38.4709	1	15	46	20.902	-23	25	19.86	4	9012	MAUI	7420	8	DM	6898
	8	28	18	13	46.5391	10	7	7	18.447	-64	0	52.91	4	9003	WOOMERA	10629	3	GL	6489
	8	28	18	13	58.5382	10	7	9	20.491	-62	19	13.51	4	9003	WOOMERA	10629	6	GL	6490

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	28	20	15	49.7206	3	1	30	25.467	-63	47	40.70	4	9003	WOOMERA	10634	2	BA	7165
	8	28	20	16	3.7202	3	1	52	26.872	-63	35	35.79	4	9003	WOOMERA	10634	9	BA	7166
	8	29	3	18	42.9386	1	15	6	51.518	-14	47	57.86	4	9001	ORGAN PASS	7495	4	BA	5931
	8	29	3	18	46.9386	1	15	8	24.177	-15	9	50.23	4	9001	ORGAN PASS	7495	5	BA	5932
	8	29	7	19	50.7509	1	15	32	6.585	-21	17	44.70	4	9012	MAUI	7429	2	VD	6739
	8	29	7	20	14.7508	1	15	39	47.714	-23	44	39.58	4	9012	MAUI	7429	8	VD	6740
	8	29	8	1	3.4772	1	6	35	35.370	-63	23	8.28	4	9011	VILLA DOLO	6548	5	MW	6673
	8	29	17	49	51.6327	10	7	2	18.304	-57	42	10.06	4	9003	WOOMERA	10646	3	BA	6247
	8	29	17	50	23.6323	10	7	5	58.270	-53	33	31.38	4	9003	WOOMERA	10646	11	BA	6248
	8	30	1	38	36.9079	1	18	57	0.630	-74	22	23.83	4	9002	OLIFANTS	9025	3	PK	6136
	8	30	1	38	44.9079	1	18	57	9.375	-75	15	8.29	4	9002	OLIFANTS	9025	4	PK	7268
	8	30	2	53	59.1092	1	14	51	39.526	-12	42	59.00	4	9001	ORGAN PASS	7506	3	DM	5926
	8	30	2	54	15.1087	1	14	58	13.762	-14	13	33.00	4	9001	ORGAN PASS	7506	7	DM	7617
	8	30	6	55	23.9465	1	15	25	1.996	-21	9	58.17	4	9012	MAUI	7439	7	DU	6899
	8	30	6	55	27.9465	1	15	26	24.696	-21	35	28.88	4	9012	MAUI	7439	8	DU	7624
	8	30	7	37	18.3877	1	6	43	54.725	-55	16	50.29	4	9011	VILLA DOLO	6560	4	LT	6912
	8	30	7	37	26.3875	1	6	45	41.722	-54	8	5.81	4	9011	VILLA DOLO	6560	6	LT	6913
	8	30	9	41	52.6580	1	4	53	22.176	-32	16	54.16	4	9011	VILLA DOLO	6564	16	LT	6690
	8	30	10	58	41.7052	3	19	33	47.340	40	59	55.96	4	9003	WOOMERA	10658	3	BA	6249
	8	30	10	58	53.7052	3	19	38	39.794	40	11	4.22	4	9003	WOOMERA	10658	6	BA	6250
	8	30	17	25	17.2788	10	6	50	10.523	-56	53	33.50	4	9003	WOOMERA	10663	8	MY	6251
	8	30	17	25	29.2775	10	6	51	24.376	-55	22	12.69	4	9003	WOOMERA	10663	11	MY	6252
	8	30	18	51	10.8947	1	18	1	25.191	33	56	24.21	4	9002	OLIFANTS	9039	4	VD	6138
	8	30	18	51	18.8951	1	18	4	46.747	33	23	16.34	4	9002	OLIFANTS	9039	5	VD	6139
	8	31	1	15	18.9733	1	18	0	48.667	-84	25	20.88	4	9002	OLIFANTS	9044	8	MY	6637
	8	31	1	15	26.9731	1	17	49	58.843	-85	21	46.23	4	9002	OLIFANTS	9044	9	MY	6638
	8	31	1	21	19.4581	1	7	29	32.629	-49	10	33.09	4	9002	OLIFANTS	9045	5	PK	6501
	8	31	1	22	21.6133	1	7	33	14.501	-42	3	42.12	4	9002	OLIFANTS	9045	15	PK	6502
	8	31	6	31	17.8552	1	15	26	46.280	-23	16	31.91	4	9012	MAUI	7451	14	DU	6900
	8	31	6	31	21.8553	1	15	28	16.218	-23	43	10.02	4	9012	MAUI	7451	15	DU	6901
	8	31	17	1	27.1237	10	6	41	12.041	-50	47	34.45	4	9003	WOOMERA	10676	3	PK	6497
	8	31	17	1	47.1238	10	6	42	55.732	-48	30	18.53	4	9003	WOOMERA	10676	8	PK	6498
	8	31	18	28	57.3672	1	19	6	12.067	24	4	43.89	4	9002	OLIFANTS	9054	4	PK	6499
	8	31	18	29	1.3671	1	19	8	12.596	23	39	40.28	4	9002	OLIFANTS	9054	5	PK	6500
	8	31	19	4	43.2047	3	5	18	52.407	-52	47	30.64	4	9003	WOOMERA	10678	9	PK	6493
	8	31	19	4	47.2046	3	5	21	41.446	-52	7	56.22	4	9003	WOOMERA	10678	10	PK	6494
	9	1	0	52	14.2259	1	7	48	58.165	-82	28	34.72	4	9002	OLIFANTS	9062	4	PL	9790
	9	1	0	52	54.2269	1	7	26	29.177	-77	24	33.96	4	9002	OLIFANTS	9062	9	PL	9791
	9	1	0	53	36.8987	1	7	18	16.970	-71	54	22.30	4	9002	OLIFANTS	9062	13	PL	9792
	9	1	0	56	40.9476	1	7	17	26.191	-49	7	54.82	4	9002	OLIFANTS	9063	5	PG	305
	9	1	0	56	48.9478	1	7	17	46.927	-48	13	8.03	4	9002	OLIFANTS	9063	6	PG	2191
	9	1	6	5	47.5867	1	14	57	17.041	-15	44	0.77	4	9012	MAUI	7460	3	VD	9233
	9	1	6	5	55.5865	1	15	0	26.089	-16	39	42.37	4	9012	MAUI	7460	7	VD	9234
	9	1	16	37	26.2354	1	6	29	57.403	-46	31	44.05	4	9003	WOOMERA	10690	2	GL	8411
	9	1	16	37	50.2353	1	6	31	52.583	-44	1	30.96	4	9003	WOOMERA	10690	8	GL	8412

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	1	18	1	48.7579	1	17	53	50.181	38	57	42.05	4	9002	OLIFANTS	9066	5	DM	9264
	9	1	18	1	56.7581	1	17	57	23.077	38	25	40.07	4	9002	OLIFANTS	9066	6	DM	9265
	9	1	18	6	32.5727	1	20	13	49.285	10	52	39.35	4	9002	OLIFANTS	9068	6	HC	9266
	9	1	18	6	40.5728	1	20	18	8.003	9	50	55.40	4	9002	OLIFANTS	9068	7	HC	3013
	9	1	18	40	12.4207	1	5	23	55.265	-52	32	9.16	4	9003	WOOMERA	10692	2	VD	9149
	9	1	18	40	36.4197	1	5	37	21.646	-48	34	34.31	4	9003	WOOMERA	10692	8	PK	8413
	9	2	0	28	47.0420	1	7	10	49.953	-72	36	47.88	4	9002	OLIFANTS	9074	12	LT	9268
	9	2	0	28	55.0426	1	7	9	28.414	-71	36	20.87	4	9002	OLIFANTS	9074	13	LT	9795
	9	2	0	31	18.1514	1	7	3	35.238	-54	5	52.88	4	9002	OLIFANTS	9075	6	PG	9796
	9	2	0	31	42.1520	1	7	4	7.769	-51	20	27.26	4	9002	OLIFANTS	9075	9	PG	9269
	9	2	9	49	5.4461	1	20	51	12.801	23	15	35.53	4	9003	WOOMERA	10696	4	DM	8414
	9	2	9	49	9.4461	1	20	52	37.629	22	54	13.88	4	9003	WOOMERA	10696	5	DM	8415
	9	2	17	44	6.7912	1	21	17	31.974	- 2	50	16.92	4	9002	OLIFANTS	9081	6	AA	9797
	9	2	17	44	14.7913	1	21	21	36.261	- 3	45	32.68	4	9002	OLIFANTS	9081	8	AA	9798
	9	2	18	15	48.1541	10	5	30	1.877	-50	59	4.97	4	9003	WOOMERA	10705	3	RO	9150
	9	2	18	16	20.1530	10	5	44	10.198	-45	49	15.09	4	9003	WOOMERA	10705	11	RO	8416
	9	2	19	41	58.7197	1	16	21	51.427	- 1	34	13.60	4	9002	OLIFANTS	9086	4	VD	2046
	9	2	19	42	30.7196	1	16	28	50.376	- 4	49	53.41	4	9002	OLIFANTS	9086	8	VD	9800
	9	2	20	13	45.3626	10	22	56	1.448	-35	8	24.29	4	9003	WOOMERA	10708	2	RO	9151
	9	2	20	14	9.3632	10	23	8	14.340	-34	53	37.68	4	9003	WOOMERA	10708	8	RO	9152
	9	3	0	6	0.5006	1	6	50	50.201	-58	20	35.80	4	9002	OLIFANTS	9089	9	MY	9270
	9	3	0	6	37.2556	1	6	50	42.802	-54	7	7.79	4	9002	OLIFANTS	9089	12	MY	9801
	9	3	6	1	5.9464	1	6	16	5.020	-38	20	57.54	4	9011	VILLA DOLO	6569	5	GL	8652
	9	3	6	1	21.9464	1	6	17	40.338	-36	44	8.64	4	9011	VILLA DOLO	6569	7	GL	9153
	9	3	8	3	23.8302	1	4	54	0.363	-40	52	46.27	4	9011	VILLA DOLO	6570	6	GL	8654
	9	3	17	12	32.4667	1	17	49	26.725	42	50	3.58	4	9002	OLIFANTS	9094	5	PK	8638
	9	3	17	12	48.4667	1	17	56	43.956	41	45	9.99	4	9002	OLIFANTS	9094	7	PK	307
	9	3	17	21	44.6850	1	22	11	5.323	-13	21	17.13	4	9002	OLIFANTS	9095	6	DU	8640
	9	3	17	21	52.6851	1	22	14	36.798	-13	59	49.79	4	9002	OLIFANTS	9095	7	DU	3046
	9	3	17	52	37.5498	10	5	56	30.031	-38	6	48.23	4	9003	WOOMERA	10721	3	VD	9807
	9	3	17	53	1.5606	10	6	2	36.958	-34	43	8.36	4	9003	WOOMERA	10721	9	VD	8418
	9	3	23	12	1.1591	1	20	32	26.863	19	36	53.02	4	9011	VILLA DOLO	6575	5	GL	8655
	9	3	23	12	17.1585	1	20	38	50.694	18	5	48.41	4	9011	VILLA DOLO	6575	7	GL	8656
	9	4	1	9	18.1675	1	16	13	33.545	-10	35	24.81	4	9007	AREQUIPA	6985	6	VD	8437
	9	4	7	39	28.3258	1	5	13	22.123	-35	27	42.86	4	9011	VILLA DOLO	6583	5	PL	315
	9	4	7	39	32.3258	1	5	15	5.513	-34	49	44.18	4	9011	VILLA DOLO	6583	6	PL	9155
	9	4	9	38	42.4451	1	0	11	5.883	-21	59	25.46	4	9011	VILLA DOLO	6586	3	MY	8658
	9	4	9	38	58.4450	1	0	19	59.913	-20	57	1.38	4	9011	VILLA DOLO	6586	7	MY	8659
	9	4	16	49	0.7347	1	18	17	32.971	39	38	8.95	4	9002	OLIFANTS	9106	4	PK	8641
	9	4	16	49	8.7352	1	18	21	13.854	38	59	29.37	4	9002	OLIFANTS	9106	5	PK	8642
	9	4	16	58	26.2114	1	22	29	17.173	-16	22	7.10	4	9002	OLIFANTS	9107	7	VD	8643
	9	4	16	59	4.7502	1	22	44	9.200	-18	39	23.82	4	9002	OLIFANTS	9107	11	VD	8644
	9	4	17	28	21.9720	1	5	54	0.962	-35	44	26.63	4	9003	WOOMERA	10725	5	LD	9335
	9	4	17	28	45.9716	1	5	59	3.498	-32	34	34.90	4	9003	WOOMERA	10725	11	LD	310
	9	4	18	57	18.4689	1	17	48	28.264	-35	26	58.32	4	9002	OLIFANTS	9113	4	PK	8645

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	4	18	57	53.1724	1	18	10	54.582	-41	24	16.08	4	9002	OLIFANTS	9113	11	PK	8646
	9	4	18	58	9.1725	1	18	22	37.257	-44	4	48.83	4	9002	OLIFANTS	9113	15	PK	8647
	9	5	1	18	7.4697	1	1	19	35.764	-77	26	54.00	4	9002	OLIFANTS	9118	5	MY	9503
	9	5	1	18	23.4702	1	2	0	31.803	-76	37	42.68	4	9002	OLIFANTS	9118	7	MY	9142
	9	5	1	26	18.5687	1	6	41	39.172	-11	56	59.14	4	9002	OLIFANTS	9119	6	VD	8648
	9	5	1	26	42.5687	1	6	45	40.642	- 9	31	43.20	4	9002	OLIFANTS	9119	9	VD	8649
	9	5	3	28	1.5802	1	3	53	5.440	12	21	37.41	4	9002	OLIFANTS	9121	3	PK	8650
	9	5	3	28	31.9376	1	4	9	36.391	16	8	9.67	4	9002	OLIFANTS	9121	9	PK	8651
	9	5	17	4	45.3503	1	5	56	3.832	-28	51	0.87	4	9003	WOOMERA	10734	4	PL	9337
	9	5	17	4	53.3502	1	5	57	21.901	-27	55	41.50	4	9003	WOOMERA	10734	6	PL	9338
	9	6	0	22	22.1349	1	17	19	31.138	-28	23	17.48	4	9007	AREQUIPA	6994	4	MW	2197
	9	6	0	22	42.1349	1	17	32	14.217	-31	55	53.26	4	9007	AREQUIPA	6994	9	MW	383
	9	6	0	24	58.0431	1	17	53	43.310	1	15	21.24	4	9011	VILLA DOLO	6591	3	MY	8660
	9	6	0	25	18.0428	1	18	4	10.444	- 1	17	52.07	4	9011	VILLA DOLO	6591	8	MY	8661
	9	6	0	55	29.2111	1	4	44	33.869	-64	55	38.71	4	9002	OLIFANTS	9132	13	MY	9143
	9	6	0	55	33.2113	1	4	47	21.123	-64	19	28.63	4	9002	OLIFANTS	9132	14	MY	9144
	9	6	8	56	0.0624	1	5	33	29.290	-32	23	32.19	4	9007	AREQUIPA	6997	15	VD	8438
	9	6	8	56	8.0624	1	5	37	8.915	-31	1	39.78	4	9007	AREQUIPA	6997	17	VD	8439
	9	6	10	14	30.3735	1	19	17	24.748	1	42	31.94	4	9003	WOOMERA	10741	4	PL	9339
	9	6	10	14	34.3732	1	19	19	50.466	1	11	25.54	4	9003	WOOMERA	10741	5	PL	9340
	9	6	16	40	48.1426	1	5	51	15.227	-25	14	32.68	4	9003	WOOMERA	10745	8	VD	9341
	9	6	16	40	56.1424	1	5	52	21.390	-24	25	1.96	4	9003	WOOMERA	10745	10	VD	9342
	9	6	18	13	29.3912	1	23	19	57.716	-56	39	47.40	4	9002	OLIFANTS	9140	4	PK	9227
	9	6	18	42	51.9531	1	3	45	41.606	-11	20	56.57	4	9003	WOOMERA	10748	6	VD	311
	9	6	18	42	55.9532	1	3	48	2.196	-10	45	44.51	4	9003	WOOMERA	10748	8	VD	3014
	9	6	20	9	54.4385	1	15	34	46.386	-32	37	23.69	4	9002	OLIFANTS	9143	8	PK	9228
	9	6	20	11	26.0985	1	15	43	0.627	-42	58	17.28	4	9002	OLIFANTS	9144	4	PK	9229
	9	7	0	32	46.0127	1	5	33	45.965	-47	25	49.47	4	9002	OLIFANTS	9146	13	LT	9231
	9	7	0	33	2.0131	1	5	37	52.681	-45	2	16.16	4	9002	OLIFANTS	9146	15	LT	9811
	9	7	0	36	44.1933	1	6	18	13.483	-16	53	40.32	4	9002	OLIFANTS	9147	5	GL	9232
	9	7	0	37	8.1934	1	6	21	39.672	-14	29	18.99	4	9002	OLIFANTS	9147	8	GL	9812
	9	7	6	28	32.9323	1	5	40	23.193	-16	21	39.98	4	9011	VILLA DOLO	6601	3	DU	8662
	9	7	6	29	4.9321	1	5	45	58.882	-13	11	23.33	4	9011	VILLA DOLO	6601	7	DU	8663
	9	7	6	29	20.9321	1	5	48	39.235	-11	41	25.07	4	9011	VILLA DOLO	6601	9	DU	9810
	9	7	8	30	13.7437	1	3	9	13.708	3	10	43.44	4	9011	VILLA DOLO	6604	2	BN	8665
	9	7	8	30	17.7436	1	3	11	30.734	3	40	37.74	4	9011	VILLA DOLO	6604	3	BN	8666
	9	7	11	51	53.7423	1	16	12	9.515	-20	35	54.33	4	9003	WOOMERA	10756	4	VD	9343
	9	7	11	52	1.7422	1	16	14	14.695	-21	37	56.06	4	9003	WOOMERA	10756	6	VD	9344
	9	7	19	48	38.9989	1	15	45	23.860	-57	26	45.09	4	9002	OLIFANTS	9158	3	VD	8461
	9	7	19	49	1.5546	1	15	48	33.663	-60	35	27.64	4	9002	OLIFANTS	9158	6	VD	8462
	9	7	23	37	36.9920	1	18	56	59.143	- 7	39	26.45	4	9011	VILLA DOLO	6609	6	VD	8667
	9	7	23	37	44.9920	1	19	2	21.982	- 8	45	43.90	4	9011	VILLA DOLO	6609	8	VD	8668
	9	8	0	10	4.6336	1	5	49	58.497	-31	50	20.23	4	9002	OLIFANTS	9161	6	PK	8429
	9	8	0	10	12.6338	1	5	51	13.581	-30	50	43.17	4	9002	OLIFANTS	9161	7	MY	308
	9	8	0	11	47.5583	1	6	4	52.276	-20	5	1.66	4	9002	OLIFANTS	9162	3	PK	8421

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	8	0	12	11.5587	1	6	8	4.132	-17	39	14.21	4	9002	OLIFANTS	9162	6	PK	8427
	9	8	1	39	24.6388	1	15	6	50.592	-61	38	48.26	4	9007	AREQUIPA	7002	5	GL	8487
	9	8	1	39	37.6219	1	16	3	17.697	-27	17	16.98	4	9011	VILLA DOLO	6614	2	BA	143
	9	8	1	39	40.6388	1	15	8	39.130	-63	38	39.36	4	9007	AREQUIPA	7002	7	GL	8488
	9	8	2	8	7.4009	1	23	33	54.864	-40	11	44.60	4	9002	OLIFANTS	9164	6	VD	8459
	9	8	2	8	15.4007	1	23	39	47.527	-39	50	18.61	4	9002	OLIFANTS	9164	7	VD	8460
	9	8	8	6	47.8542	1	5	34	44.958	-35	5	28.75	4	9007	AREQUIPA	7004	4	GL	8489
	9	8	8	6	55.8540	1	5	37	34.823	-33	48	47.76	4	9007	AREQUIPA	7004	6	GL	8490
	9	8	11	28	23.5903	1	16	26	24.073	-28	24	39.68	4	9003	WOOMERA	10765	13	VD	9345
	9	8	17	54	56.1682	1	4	21	24.033	- 6	8	3.91	4	9003	WOOMERA	10771	3	BN	9346
	9	8	17	55	28.1676	1	4	34	11.126	- 2	11	41.39	4	9003	WOOMERA	10771	11	BN	9347
	9	8	17	55	56.1671	1	4	44	27.361	0	58	53.62	4	9003	WOOMERA	10771	14	BN	9348
	9	8	19	26	33.7916	1	16	34	45.341	-79	34	40.83	4	9002	OLIFANTS	9175	10	DU	999
	9	8	23	13	14.0688	1	19	3	8.198	- 6	14	37.52	4	9011	VILLA DOLO	6617	3	PG	144
	9	8	23	13	18.0689	1	19	5	47.684	- 6	46	43.81	4	9011	VILLA DOLO	6617	4	PG	145
	9	9	1	45	38.6941	1	1	10	22.125	-34	37	53.40	4	9002	OLIFANTS	9178	5	PG	1000
	9	9	1	46	10.6939	1	1	36	53.004	-30	47	52.20	4	9002	OLIFANTS	9178	9	PG	139
	9	9	7	43	43.3470	1	4	22	1.745	15	14	45.15	4	9011	VILLA DOLO	6622	4	PG	8495
	9	9	11	4	31.8927	1	16	42	7.294	-34	0	40.24	4	9003	WOOMERA	10777	2	LT	9271
	9	9	11	4	35.8925	1	16	44	6.366	-34	40	24.03	4	9003	WOOMERA	10777	3	LT	9272
	9	9	19	3	27.4006	1	0	3	42.623	-84	38	35.83	4	9002	OLIFANTS	9187	5	VD	8425
	9	9	19	3	43.3999	1	0	58	4.111	-83	9	35.12	4	9002	OLIFANTS	9187	7	VD	9803
	9	10	0	51	50.7635	1	16	13	32.343	-37	34	11.29	4	9011	VILLA DOLO	6626	6	GL	9349
	9	10	0	52	2.7633	1	16	18	9.282	-39	27	56.59	4	9011	VILLA DOLO	6626	9	GL	9350
	9	10	18	30	26.4701	1	14	42	15.938	-23	16	8.41	4	9002	OLIFANTS	9199	7	DM	8457
	9	10	19	8	58.2640	1	1	52	16.537	22	38	30.29	4	9003	WOOMERA	10785	4	DM	9273
	9	10	19	9	6.2639	1	1	55	55.093	23	25	0.71	4	9003	WOOMERA	10785	6	DM	9274
	9	11	0	27	44.9725	1	16	23	8.050	-41	32	31.05	4	9011	VILLA DOLO	6634	3	PL	9351
	9	11	0	27	56.9720	1	16	29	14.430	-43	32	27.50	4	9011	VILLA DOLO	6634	6	PL	9352
	9	11	1	1	8.6870	1	4	15	2.552	0	13	4.62	4	9002	OLIFANTS	9207	12	DM	8458
	9	11	2	59	10.5223	1	23	47	46.047	0	20	46.80	4	9002	OLIFANTS	9210	7	LD	8427
	9	11	2	59	26.5218	1	23	53	14.834	1	43	37.54	4	9002	OLIFANTS	9210	9	LD	8428
	9	11	3	5	23.5857	1	2	4	1.364	36	13	52.22	4	9002	OLIFANTS	9211	5	BO	8419
	9	11	3	5	31.5860	1	2	7	8.525	36	56	9.69	4	9002	OLIFANTS	9211	6	BO	8420
	9	11	9	4	27.2268	1	5	48	9.026	-19	16	28.42	4	9009	CURACAO	5950	3	DM	7928
	9	11	9	4	39.2269	1	5	54	8.063	-17	30	9.35	4	9009	CURACAO	5950	6	DM	7929
	9	11	15	1	17.3329	1	6	31	11.543	-17	40	13.80	4	9012	MAUI	7580	3	VD	9813
	9	11	15	1	25.3327	1	6	34	51.920	-16	40	4.17	4	9012	MAUI	7580	7	VD	9236
	9	12	0	4	22.8846	1	17	12	45.681	-52	49	36.05	4	9011	VILLA DOLO	6641	4	PG	9353
	9	12	0	4	34.8842	1	17	23	47.513	-54	43	59.61	4	9011	VILLA DOLO	6641	7	PG	9354
	9	12	14	36	8.5920	1	6	10	57.721	-23	12	32.86	4	9012	MAUI	7591	8	PK	9237
	9	12	14	36	48.0221	1	6	27	53.877	-18	30	52.10	4	9012	MAUI	7591	14	PK	9238
	9	12	23	39	55.8126	1	17	25	3.880	-52	47	45.09	4	9011	VILLA DOLO	6647	3	HC	8468
	9	12	23	40	7.8123	1	17	37	31.793	-54	35	48.05	4	9011	VILLA DOLO	6647	6	HC	8469
	9	13	1	43	32.7586	1	15	17	3.376	-56	47	13.30	4	9011	VILLA DOLO	6652	4	HC	8466

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	13	1	43	40.7584	1	15	18	14.760	-57	51	56.53	4	9011	VILLA DOLO	6652	6	HC	8467
	9	13	14	11	38.1676	1	6	7	7.358	-23	50	45.93	4	9012	MAUI	7610	5	PK	9239
	9	13	14	11	50.1675	1	6	11	56.801	-22	28	53.87	4	9012	MAUI	7610	8	PK	9240
	9	13	23	15	16.0246	1	17	25	18.685	-50	22	38.77	4	9011	VILLA DOLO	6657	5	PG	9355
	9	13	23	15	28.0244	1	17	37	57.734	-52	8	19.72	4	9011	VILLA DOLO	6657	8	PG	9356
	9	14	1	18	32.7018	1	15	1	43.743	-54	1	49.37	4	9011	VILLA DOLO	6664	7	VD	2198
	9	14	1	18	40.7015	1	15	2	56.921	-55	6	28.54	4	9011	VILLA DOLO	6664	9	VD	316
	9	15	13	22	55.7676	1	6	2	21.652	-22	48	51.79	4	9012	MAUI	7626	4	BA	318
	9	15	13	23	7.7674	1	6	6	28.013	-21	32	54.59	4	9012	MAUI	7626	7	BA	319
	9	16	9	7	40.8591	1	6	2	10.153	- 8	21	25.20	4	9010	JUPITER	7464	7	PK	7932
	9	16	10	18	30.9923	1	15	15	47.007	-65	59	52.06	4	9003	WOOMERA	10819	5	LT	9275
	9	16	10	18	34.9923	1	15	18	17.618	-66	38	4.89	4	9003	WOOMERA	10819	6	LT	312
	9	16	11	6	42.6033	1	5	48	46.430	-13	38	26.97	4	9001	ORGAN PASS	7643	3	YK	379
	9	16	11	6	54.6033	1	5	54	48.402	-12	22	8.41	4	9001	ORGAN PASS	7643	9	BA	8381
	9	16	12	23	8.9661	1	14	50	44.679	-66	34	1.82	4	9003	WOOMERA	10826	5	VD	9277
	9	16	12	23	16.9664	1	14	51	24.212	-67	35	9.60	4	9003	WOOMERA	10826	6	VD	313
	9	16	15	2	8.3686	1	3	47	51.747	16	6	15.18	4	9012	MAUI	7642	3	MW	9215
	9	16	15	2	18.3683	1	3	54	31.238	17	52	35.41	4	9012	MAUI	7642	8	MW	9216
	9	16	18	16	34.1872	1	3	39	21.732	-79	49	50.20	4	9002	OLIFANTS	9280	10	MY	998
	9	17	0	6	19.2146	1	15	3	29.044	-69	37	17.16	4	9011	VILLA DOLO	6680	4	VD	8464
	9	17	0	6	31.2143	1	15	10	29.710	-71	29	13.94	4	9011	VILLA DOLO	6680	7	VD	8465
	9	17	0	54	4.0807	1	5	25	43.042	2	58	27.29	4	9008	SHIRAZ	9349	4	VD	8491
	9	17	0	54	20.0813	1	5	36	15.054	5	8	20.83	4	9008	SHIRAZ	9349	8	VD	9809
	9	17	9	54	7.3708	1	15	27	14.161	-68	14	40.25	4	9003	WOOMERA	10828	3	VD	9279
	9	17	9	54	27.3707	1	15	47	2.230	-71	19	38.41	4	9003	WOOMERA	10828	13	VD	9280
	9	17	17	45	48.4862	1	13	26	55.511	-53	52	12.51	4	9002	OLIFANTS	9294	4	MY	136
	9	17	17	46	12.4867	1	13	27	10.543	-56	46	45.64	4	9002	OLIFANTS	9294	7	MY	137
	9	17	17	51	20.0217	1	3	41	6.696	-83	13	52.47	4	9002	OLIFANTS	9295	6	MY	2193
	9	17	17	51	44.0216	1	3	15	7.017	-80	31	45.30	4	9002	OLIFANTS	9295	9	MY	133
	9	17	19	55	25.7713	1	11	54	55.964	-85	12	19.48	4	9002	OLIFANTS	9302	6	MY	8473
	9	17	19	55	33.7715	1	11	16	23.823	-85	48	56.63	4	9002	OLIFANTS	9302	7	MY	8474
	9	17	23	41	53.5895	1	15	9	50.236	-71	51	1.54	4	9011	VILLA DOLO	6690	4	VD	8471
	9	17	23	42	9.5892	1	15	24	6.892	-74	19	1.79	4	9011	VILLA DOLO	6690	8	VD	8472
	9	18	1	45	37.6802	1	14	53	23.022	-63	50	24.27	4	9011	VILLA DOLO	6695	4	BA	9358
	9	18	1	46	17.6791	1	15	0	37.881	-68	52	13.27	4	9011	VILLA DOLO	6695	9	BA	9359
	9	18	8	19	56.2608	1	5	23	41.829	45	22	10.58	4	9009	CURACAO	5974	6	PK	7930
	9	18	8	20	4.2605	1	5	30	12.147	46	3	23.44	4	9009	CURACAO	5974	8	PK	7931
	9	18	11	34	42.6021	1	14	19	32.377	-74	27	20.26	4	9003	WOOMERA	10846	5	LT	9281
	9	18	11	34	54.6018	1	14	20	11.266	-76	7	12.01	4	9003	WOOMERA	10846	8	LT	9282
	9	18	14	14	28.5951	1	5	0	13.909	23	18	31.36	4	9012	MAUI	7650	3	VD	8440
	9	18	14	14	36.5950	1	5	6	13.067	24	27	27.21	4	9012	MAUI	7650	7	VD	8441
	9	18	17	20	37.5116	1	13	13	38.069	-50	1	18.67	4	9002	OLIFANTS	9308	5	GL	8475
	9	18	17	20	45.5117	1	13	13	56.255	-50	59	9.07	4	9002	OLIFANTS	9308	6	GL	8476
	9	18	17	27	17.6143	1	2	36	4.081	-78	29	55.70	4	9002	OLIFANTS	9309	8	MY	8477
	9	18	17	27	25.6141	1	2	33	33.784	-77	35	23.86	4	9002	OLIFANTS	9309	9	MY	8478

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	18	23	16	36.2959	1	14	42	28.789	-65	48	29.03	4	9011	VILLA DOLO	6703 4	VD	9360
	9	18	23	16	48.2957	1	14	49	44.515	-67	43	39.38	4	9011	VILLA DOLO	6703 7	VD	9361
	9	19	9	54	51.4760	1	6	12	46.709	- 6	57	14.08	4	9001	ORGAN PASS	7664 7	PK	8382
	9	19	9	54	59.4761	1	6	16	8.870	- 6	12	55.43	4	9001	ORGAN PASS	7664 9	PK	8383
	9	19	13	12	43.4141	1	15	42	22.822	-56	49	36.20	4	9003	WOOMERA	10863 4	LT	9283
	9	19	13	13	11.4141	1	15	50	47.793	-59	27	20.34	4	9003	WOOMERA	10863 11	LT	9284
	9	20	10	46	28.7217	1	13	50	25.188	-84	48	40.55	4	9003	WOOMERA	10872 3	LT	9285
	9	20	10	46	48.7213	1	13	46	32.041	-87	43	8.18	4	9003	WOOMERA	10872 8	LT	9808
	9	20	12	48	5.2088	1	15	20	7.476	-57	36	51.02	4	9003	WOOMERA	10878 3	VD	9287
	9	20	12	48	53.2083	1	15	34	28.649	-62	22	54.04	4	9003	WOOMERA	10878 9	VD	9288
	9	20	13	27	43.9591	1	6	32	18.298	30	42	13.83	4	9012	MAUI	7671 7	LD	7939
	9	20	15	24	15.8973	1	0	14	16.123	14	42	17.96	4	9012	MAUI	7677 3	MY	8558
	9	20	15	24	31.8973	1	0	16	37.961	16	27	30.42	4	9012	MAUI	7677 7	MY	9156
	9	20	18	41	4.5259	1	10	55	44.708	-83	44	31.18	4	9002	OLIFANTS	9347 8	MY	1001
	9	20	18	41	20.5257	1	9	51	1.104	-84	48	13.09	4	9002	OLIFANTS	9347 10	MY	8480
	9	21	1	20	16.1205	1	3	10	21.520	47	47	33.21	4	9008	SHIRAZ	9396 4	DU	8431
	9	21	1	20	20.1208	1	3	13	44.675	48	28	52.56	4	9008	SHIRAZ	9396 6	DU	9504
	9	21	3	15	28.3730	1	6	23	36.090	1	3	8.88	4	9004	SAN FERNAN	6577 5	BO	8442
	9	21	3	15	36.3729	1	6	27	25.987	1	43	27.44	4	9004	SAN FERNAN	6577 7	BO	8443
	9	21	5	13	36.7037	1	2	6	17.076	2	7	30.90	4	9004	SAN FERNAN	6580 6	BO	8444
	9	21	5	13	52.7037	1	2	12	9.840	3	49	15.06	4	9004	SAN FERNAN	6580 10	BO	8445
	9	21	9	6	48.6764	1	6	13	20.696	- 4	7	14.59	4	9001	ORGAN PASS	7684 6	PK	8384
	9	21	9	6	52.6764	1	6	14	49.429	- 3	47	49.61	4	9001	ORGAN PASS	7684 7	PK	8385
	9	21	10	21	24.5004	1	13	38	32.331	-81	45	44.68	4	9003	WOOMERA	10884 5	BA	9708
	9	21	10	22	0.4996	1	13	43	40.953	-87	2	6.02	4	9003	WOOMERA	10884 22	RO	6973
	9	21	11	10	2.1093	1	5	50	17.084	35	44	43.26	4	9001	ORGAN PASS	7687 6	PK	8386
	9	21	11	10	4.1093	1	5	52	14.057	35	56	18.29	4	9001	ORGAN PASS	7687 7	PK	8387
	9	21	12	24	38.9022	1	15	19	47.134	-65	53	49.82	4	9003	WOOMERA	10889 2	RO	6974
	9	21	12	25	22.9118	1	15	41	29.711	-70	56	53.28	4	9003	WOOMERA	10889 13	RO	7876
	9	21	13	3	39.7598	1	6	38	42.041	29	8	14.91	4	9012	MAUI	7685 5	VD	7731
	9	21	13	3	47.7597	1	6	43	2.060	29	38	46.58	4	9012	MAUI	7685 7	VD	7732
	9	21	15	5	9.7604	1	1	31	49.491	60	59	38.56	4	9012	MAUI	7687 5	VD	7733
	9	21	15	5	15.7604	1	1	35	4.247	61	55	49.59	4	9012	MAUI	7687 8	D	7734
	9	22	0	56	24.9418	10	4	0	1.008	52	41	2.38	4	9008	SHIRAZ	9411 4	BO	8433
	9	22	0	56	44.9437	10	4	23	58.314	55	22	33.59	4	9008	SHIRAZ	9411 9	BO	8434
	9	22	12	39	40.2893	1	6	43	28.387	27	55	56.18	4	9012	MAUI	7695 2	PL	7735
	9	22	12	39	48.2892	1	6	47	19.121	28	22	47.35	4	9012	MAUI	7695 4	PL	7736
	9	22	14	41	20.3623	1	2	16	58.207	67	38	51.46	4	9012	MAUI	7697 3	LT	7737
	9	22	14	41	24.3624	1	2	20	59.284	68	12	1.93	4	9012	MAUI	7697 5	LT	7738
	9	22	19	54	46.5742	1	15	21	11.217	-69	11	54.92	4	9002	OLIFANTS	9387 5	PK	8481
	9	22	19	55	2.5745	1	15	27	58.860	-70	47	6.28	4	9002	OLIFANTS	9387 7	PK	8482
	9	22	23	45	17.8879	1	23	39	33.044	-88	27	24.46	4	9011	VILLA DOLO	6763 6	VD	9362
	9	23	1	47	21.9194	1	15	40	22.978	-63	31	11.43	4	9011	VILLA DOLO	6767 4	DU	9363
	9	23	1	47	29.9191	1	15	44	48.218	-64	20	57.45	4	9011	VILLA DOLO	6767 5	DU	4888
	9	23	11	36	9.0059	1	14	51	54.595	-73	22	8.87	4	9003	WOOMERA	10896 2	BA	321

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	23	11	36	41.0051	1	15	15	10.177	-77	26	43.99	4	9003	WOOMERA	10896	10	BA	9706
	9	23	18	15	9.6404	1	6	20	41.704	33	50	9.81	4	9005	TOKYO	6519	3	BA	8453
	9	23	18	15	25.6406	1	6	35	4.767	34	46	57.77	4	9005	TOKYO	6519	7	BA	8454
	9	23	19	29	55.8017	1	14	49	15.226	-69	2	6.70	4	9002	OLIFANTS	9404	4	VD	8483
	9	23	19	30	27.8021	1	15	0	34.342	-72	18	11.33	4	9002	OLIFANTS	9404	8	VD	8484
	9	23	19	32	48.7297	1	20	8	20.490	-85	46	53.50	4	9002	OLIFANTS	9405	4	HC	8393
	9	23	19	32	56.7296	1	21	6	44.806	-85	41	12.35	4	9002	OLIFANTS	9405	6	HC	9806
	9	24	7	59	17.3748	10	7	10	43.368	39	1	9.56	4	9010	JUPITER	7483	6	LD	7933
	9	24	13	53	48.3638	1	5	32	54.408	72	47	24.60	4	9012	MAUI	7713	3	MY	8560
	9	24	13	54	0.3637	1	5	55	51.068	72	56	43.05	4	9012	MAUI	7713	6	MY	8561
	9	24	23	45	8.8543	1	6	58	57.381	52	12	8.73	4	9008	SHIRAZ	9439	12	LD	309
	9	25	10	47	55.0311	1	14	58	13.979	-83	35	26.45	4	9003	WOOMERA	10904	2	LD	2200
	9	25	10	48	27.0309	1	17	44	48.156	-87	13	12.52	4	9003	WOOMERA	10904	10	LD	1003
	9	25	18	41	21.8598	1	14	3	5.672	-75	30	1.09	4	9002	OLIFANTS	9435	4	MY	8423
	9	25	18	41	45.8604	1	14	10	39.250	-78	14	9.98	4	9002	OLIFANTS	9435	7	MY	9802
	9	25	18	46	24.2942	1	1	48	57.932	-64	14	29.85	4	9002	OLIFANTS	9436	12	HC	8395
	9	25	18	46	32.2943	1	1	50	12.177	-63	6	44.92	4	9002	OLIFANTS	9436	13	HC	8396
	9	26	1	22	0.4004	1	0	36	9.213	64	57	4.88	4	9008	SHIRAZ	9451	2	BA	8463
	9	26	1	22	16.4005	1	0	41	30.583	67	31	7.19	4	9008	SHIRAZ	9451	6	BA	8844
	9	26	10	24	3.8309	1	22	20	20.006	-87	30	57.44	4	9003	WOOMERA	10916	3	LD	2201
	9	26	10	24	27.8304	1	0	6	25.939	-84	20	8.28	4	9003	WOOMERA	10916	9	LD	1005
	9	26	15	6	21.1949	1	23	5	46.762	61	59	9.67	4	9012	MAUI	7730	4	BA	7739
	9	26	15	6	33.1949	1	23	4	41.697	63	25	31.21	4	9012	MAUI	7730	7	BA	7740
	9	26	18	22	39.0696	1	1	49	2.835	-56	34	57.07	4	9002	OLIFANTS	9452	8	MY	8397
	9	26	18	22	47.0696	1	1	49	45.900	-55	30	56.84	4	9002	OLIFANTS	9452	9	MY	8398
	9	26	19	4	57.4285	1	4	28	56.450	68	25	30.47	4	9005	TOKYO	6529	18	MW	8456
	9	27	4	55	58.8647	1	5	3	29.894	70	58	42.80	4	9004	SAN FERNAN	6603	3	BO	8446
	9	27	16	39	38.5675	1	7	16	46.119	28	29	2.16	4	9005	TOKYO	6543	10	BA	8402
	9	27	18	40	39.1358	1	5	8	9.582	67	39	9.50	4	9005	TOKYO	6545	4	GL	8403
	9	27	18	41	3.1366	1	5	59	22.733	68	17	31.50	4	9005	TOKYO	6545	7	GL	9505
	9	27	23	46	56.1088	1	21	3	7.391	-84	26	36.94	4	9011	VILLA DOLO	6816	5	LD	9365
	9	27	23	47	4.1089	1	21	43	53.737	-83	42	46.37	4	9011	VILLA DOLO	6816	7	LD	317
	9	28	0	34	24.2027	1	2	34	8.629	80	6	2.03	4	9008	SHIRAZ	9477	3	HC	7923
	9	28	0	34	32.2028	1	2	57	39.435	81	0	54.93	4	9008	SHIRAZ	9477	5	HC	7924
	9	28	1	49	12.4501	1	17	9	44.092	-51	25	26.79	4	9011	VILLA DOLO	6819	9	MY	146
	9	28	1	49	28.4493	1	17	22	16.130	-51	58	49.61	4	9011	VILLA DOLO	6819	11	MY	147
	9	28	2	29	48.7649	1	7	5	21.992	30	25	40.56	4	9004	SAN FERNAN	6614	2	BA	8447
	9	28	4	31	42.3853	1	5	49	35.705	69	46	34.42	4	9004	SAN FERNAN	6616	5	PG	8448
	9	28	4	31	46.3852	1	5	58	51.243	69	48	32.00	4	9004	SAN FERNAN	6616	6	PG	9169
	9	28	10	23	42.1660	1	6	58	45.469	66	24	15.76	4	9001	ORGAN PASS	7706	5	GL	8388
	9	28	11	37	51.2817	1	16	44	21.801	-64	56	35.52	4	9003	WOOMERA	10938	5	DU	9714
	9	28	11	38	19.2812	1	17	19	7.251	-66	43	51.18	4	9003	WOOMERA	10938	12	DU	2202
	9	28	14	18	24.8669	1	22	44	47.368	73	5	10.09	4	9012	MAUI	7747	4	VD	7741
	9	28	14	18	36.8669	1	22	42	35.819	74	35	32.41	4	9012	MAUI	7747	7	VD	9157
	9	28	16	15	10.9704	1	7	1	48.446	26	29	36.53	4	9005	TOKYO	6557	8	GL	9147

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1962	9	28	16	15	18.9703	1	7	5	45.799	26	39	51.61	4	9005	TOKYO	6557 9	GL	8406
	9	28	18	16	18.7013	1	5	37	5.420	65	46	20.92	4	9005	TOKYO	6559 4	BA	8407
	9	28	18	16	26.7017	1	5	52	34.485	65	50	55.52	4	9005	TOKYO	6559 6	VD	8408
	9	28	19	33	50.7331	1	18	40	46.544	-63	41	6.69	4	9002	OLIFANTS	9477 6	HC	3047
	9	28	19	33	58.7330	1	18	51	13.453	-63	45	12.00	4	9002	OLIFANTS	9477 7	MY	8399
	9	28	23	22	51.7357	1	23	17	43.670	-80	19	44.13	4	9011	VILLA DOLO	6828 3	PG	9815
	9	28	23	22	55.7358	1	23	23	40.751	-79	44	31.77	4	9011	VILLA DOLO	6828 4	PG	9220
	9	29	1	24	39.3190	1	16	52	30.684	-54	5	57.62	4	9011	VILLA DOLO	6831 4	VD	8470
	9	29	1	24	55.3187	1	17	6	1.033	-54	46	29.50	4	9011	VILLA DOLO	6831 6	DU	1562
	9	29	4	7	58.9755	1	7	25	52.096	65	56	34.78	4	9004	SAN FERNAN	6625 3	BA	8449
	9	29	4	8	10.9756	1	7	44	52.665	65	7	47.89	4	9004	SAN FERNAN	6625 6	BA	8450
	9	29	11	13	15.9463	1	16	25	32.091	-67	22	33.30	4	9003	WOOMERA	10944 3	DU	323
	9	29	11	13	47.9456	1	17	10	17.564	-69	34	19.04	4	9003	WOOMERA	10944 11	DU	9717
	9	29	12	1	40.3131	1	0	16	18.973	75	26	8.53	4	9001	ORGAN PASS	7718 7	BA	8389
	9	29	12	1	44.3131	1	0	17	51.723	76	4	15.01	4	9001	ORGAN PASS	7718 9	BA	9139
	9	29	13	54	32.9809	1	22	39	15.593	79	44	18.27	4	9012	MAUI	7759 3	PK	7743
	9	29	13	54	44.9809	1	22	35	48.721	81	14	0.54	4	9012	MAUI	7759 6	PK	8356
	9	29	23	46	58.2743	1	8	32	50.667	74	57	49.74	4	9008	SHIRAZ	9503 3	PL	7925
	9	30	1	1	11.1298	1	17	42	51.184	-59	26	6.46	4	9011	VILLA DOLO	6844 7	PG	8493
	9	30	1	1	15.1298	1	17	47	43.514	-59	32	8.91	4	9011	VILLA DOLO	6844 8	PG	8494
	9	30	3	43	15.9794	1	6	59	16.649	64	1	52.34	4	9004	SAN FERNAN	6636 3	BA	8451
	9	30	3	43	23.9795	1	7	11	38.091	63	35	22.93	4	9004	SAN FERNAN	6636 5	BA	8452
	9	30	7	36	47.7385	1	8	9	45.182	61	55	51.52	4	9010	JUPITER	7522 6	HC	8339
	9	30	7	36	55.7386	1	8	15	45.455	61	24	8.30	4	9010	JUPITER	7522 7	HC	7935
	9	30	9	35	28.5347	1	7	35	18.295	57	58	46.75	4	9001	ORGAN PASS	7728 7	PL	9140
	9	30	9	35	36.5347	1	7	42	45.204	57	31	13.94	4	9001	ORGAN PASS	7728 9	PL	8390
	9	30	9	37	43.4247	1	22	41	50.592	74	39	38.58	4	9010	JUPITER	7524 6	HC	2196
	9	30	9	37	59.4263	1	22	35	57.642	76	49	9.46	4	9010	JUPITER	7524 8	HC	7937
	9	30	10	49	36.0269	1	17	43	14.060	-73	16	56.65	4	9003	WOOMERA	10956 3	MY	9718
	9	30	10	50	8.0264	1	18	57	40.987	-73	46	33.73	4	9003	WOOMERA	10956 11	MY	9719
	9	30	11	36	57.6868	1	0	11	11.193	75	7	15.55	4	9001	ORGAN PASS	7733 3	PL	8391
	9	30	11	36	59.6869	1	0	12	9.975	75	26	20.73	4	9001	ORGAN PASS	7733 4	PL	8392
	9	30	13	30	42.5910	1	23	4	0.970	86	32	26.03	4	9012	MAUI	7771 2	PG	8496
	9	30	13	30	46.5909	1	23	6	2.517	87	1	38.45	4	9012	MAUI	7771 3	PG	8497
	9	30	13	30	50.5911	1	23	8	37.490	87	30	40.78	4	9012	MAUI	7771 4	PG	8498
	9	30	17	28	53.7215	1	7	44	43.786	56	37	33.26	4	9005	TOKYO	6564 6	PG	9688
	9	30	17	29	9.7215	1	7	59	41.658	55	33	39.67	4	9005	TOKYO	6564 8	PG	9689
	9	30	17	29	27.3137	1	8	14	32.488	54	20	15.27	4	9005	TOKYO	6564 10	PG	9690
	9	30	18	47	12.3109	1	22	24	39.820	-59	20	57.22	4	9002	OLIFANTS	9490 3	HC	9146
	9	30	18	47	26.9077	1	22	39	11.423	-57	15	22.08	4	9002	OLIFANTS	9490 5	HC	8401
	9	30	19	30	55.8544	1	2	15	23.121	79	18	18.61	4	9005	TOKYO	6572 5	DM	9148
	9	30	19	31	15.5709	1	3	18	20.855	81	47	11.47	4	9005	TOKYO	6572 9	DM	8410
	9	30	23	22	57.1987	1	8	49	37.777	69	30	23.18	4	9008	SHIRAZ	9515 7	HC	7926
	9	30	23	23	1.1986	1	8	53	21.779	69	6	32.90	4	9008	SHIRAZ	9515 8	HC	7927
	10	1	1	25	6.2588	1	22	32	56.190	80	25	18.60	4	9008	SHIRAZ	9521 3	KA	2018

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	1	1	25	22.2591	1	22	13	5.583	82	33	59.82	4	9008	SHIRAZ	9521	7	KA	115
	10	1	9	11	32.0058	1	7	47	3.038	53	22	12.93	4	9001	ORGAN PASS	7740	2	TJ	9956
	10	1	10	25	49.2295	1	19	49	54.800	-75	14	44.10	4	9003	WOOMERA	10968	2	TJ	170
	10	1	10	26	9.2291	1	20	38	28.384	-73	49	18.11	4	9003	WOOMERA	10968	7	SE	171
	10	1	11	13	13.7054	1	1	29	21.248	83	47	50.86	4	9001	ORGAN PASS	7746	2	TJ	9957
	10	1	12	27	22.9718	1	17	21	21.271	-34	2	9.33	4	9003	WOOMERA	10970	3	SE	172
	10	1	12	27	38.9716	1	17	30	8.882	-33	44	23.99	4	9003	WOOMERA	10970	7	SE	173
	10	1	19	5	56.4918	1	1	32	56.744	76	15	42.39	4	9005	TOKYO	6590	5	FI	2109
	10	1	19	6	0.4919	1	1	39	50.545	76	51	51.91	4	9005	TOKYO	6590	6	FI	157
	10	2	2	56	1.6448	1	8	22	29.992	51	30	27.84	4	9004	SAN FERNAN	6657	5	HB	4858
	10	2	4	57	32.3401	1	4	33	57.234	81	42	19.82	4	9004	SAN FERNAN	6663	3	SC	355
	10	2	4	57	40.3400	1	5	15	5.336	81	56	41.32	4	9004	SAN FERNAN	6663	5	SC	356
	10	2	8	50	10.9401	1	15	15	23.573	88	48	19.73	4	9010	JUPITER	7536	6	PB	4633
	10	2	10	1	51.9206	1	21	31	37.334	-72	48	14.32	4	9003	WOOMERA	10975	3	SE	174
	10	2	10	2	3.9203	1	21	50	52.795	-71	13	40.46	4	9003	WOOMERA	10975	6	SE	175
	10	2	12	3	47.1625	1	17	39	46.638	-35	33	10.00	4	9003	WOOMERA	10978	6	SE	176
	10	2	12	3	55.1623	1	17	44	59.882	-35	19	32.96	4	9003	WOOMERA	10978	8	SE	177
	10	2	18	42	3.0961	1	3	49	46.458	81	27	30.88	4	9005	TOKYO	6606	3	FI	4857
	10	2	18	42	41.2574	1	6	58	8.741	81	15	41.49	4	9005	TOKYO	6606	12	FI	1063
	10	3	1	51	18.5922	1	18	3	45.603	-22	39	29.61	4	9011	VILLA DOLO	6859	6	KA	2029
	10	3	4	33	57.5575	1	8	38	31.346	76	57	48.97	4	9004	SAN FERNAN	6678	4	WS	1083
	10	3	4	34	21.5570	1	9	19	1.077	73	37	54.61	4	9004	SAN FERNAN	6678	7	WS	362
	10	4	0	12	23.0528	1	12	46	7.527	86	42	0.17	4	9008	SHIRAZ	9569	5	LE	118
	10	4	0	12	35.0530	1	12	11	7.895	85	7	27.60	4	9008	SHIRAZ	9569	8	LE	119
	10	4	1	26	48.0626	1	17	51	40.621	-25	8	24.15	4	9011	VILLA DOLO	6865	5	BZ	798
	10	4	10	1	3.8117	1	9	2	53.692	75	27	13.68	4	9001	ORGAN PASS	7784	2	SE	9958
	10	4	10	1	11.8117	1	9	11	8.192	74	24	48.69	4	9001	ORGAN PASS	7784	4	SE	9959
	10	4	11	15	17.5515	1	17	40	57.692	-40	49	39.66	4	9003	WOOMERA	10997	3	KA	1071
	10	4	11	15	33.5510	1	17	54	12.374	-40	15	44.90	4	9003	WOOMERA	10997	7	KA	178
	10	4	13	19	12.4287	1	18	32	15.829	- 0	49	55.60	4	9003	WOOMERA	11000	2	KA	179
	10	4	13	19	36.4287	1	18	40	16.107	0	53	20.13	4	9003	WOOMERA	11000	5	KA	180
	10	5	7	38	9.7101	1	9	54	59.287	72	47	33.69	4	9010	JUPITER	7550	4	PB	2130
	10	5	9	41	40.5688	1	14	48	22.864	83	35	46.33	4	9010	JUPITER	7557	5	LE	2131
	10	5	9	41	56.5677	1	13	59	22.789	82	11	43.55	4	9010	JUPITER	7557	7	LE	809
	10	5	23	24	14.7991	3	10	35	39.330	76	21	33.46	4	9008	SHIRAZ	9613	4	LE	120
	10	6	1	28	50.1517	3	11	47	0.377	80	15	35.79	4	9008	SHIRAZ	9619	3	LE	121
	10	6	5	23	35.8263	1	4	39	7.559	78	50	12.82	4	9004	SAN FERNAN	6704	4	SC	4632
	10	6	5	23	43.8263	1	5	10	26.665	78	56	58.09	4	9004	SAN FERNAN	6704	6	WS	364
	10	6	9	13	17.1183	1	9	10	36.743	62	32	11.65	4	9001	ORGAN PASS	7799	6	SE	9960
	10	6	9	13	21.1183	1	9	12	16.509	62	5	47.15	4	9001	ORGAN PASS	7799	7	SE	9961
	10	6	10	27	45.2694	1	18	57	38.393	-42	30	46.53	4	9003	WOOMERA	11011	1	KA	181
	10	6	10	27	51.2693	1	19	3	47.819	-41	57	44.52	4	9003	WOOMERA	11011	4	KA	182
	10	6	11	15	28.0560	1	9	32	37.432	87	50	24.44	4	9001	ORGAN PASS	7804	2	SE	770
	10	6	11	15	34.0561	1	9	58	56.601	86	56	35.79	4	9001	ORGAN PASS	7804	5	SE	769
	10	6	12	30	21.1359	1	18	9	37.762	- 2	36	20.08	4	9003	WOOMERA	11015	2	BZ	183

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	6	12	30	45.1358	1	18	18	37.613	- 0	45	12.84	4	9003	WOOMERA	11015	8	BZ	184
	10	6	23	0	3.0875	3	10	11	24.024	72	18	14.70	4	9008	SHIRAZ	9632	5	LE	1086
	10	7	10	4	8.0987	1	19	56	13.208	-39	23	58.78	4	9003	WOOMERA	11022	8	WS	185
	10	7	10	52	14.6421	1	10	38	32.990	74	16	3.79	4	9001	ORGAN PASS	7820	4	NG	9963
	10	7	12	6	39.3131	1	18	16	40.683	- 0	3	4.23	4	9003	WOOMERA	11024	5	WS	186
	10	7	12	6	51.3132	1	18	21	31.955	0	58	39.56	4	9003	WOOMERA	11024	8	WS	187
	10	7	18	4	35.3549	1	22	50	51.659	14	51	12.67	4	9002	OLIFANTS	9517	5	SS	9995
	10	7	18	4	59.3555	1	23	0	9.823	17	7	17.49	4	9002	OLIFANTS	9517	8	SS	247
	10	7	23	51	20.5355	1	19	18	39.850	-23	29	53.84	4	9011	VILLA DOLO	6888	5	WS	799
	10	7	23	51	28.5352	1	19	25	2.262	-22	29	18.37	4	9011	VILLA DOLO	6888	7	WS	800
	10	8	2	32	47.2399	1	8	49	37.278	57	15	3.37	4	9004	SAN FERNAN	6712	4	WS	357
	10	8	23	26	59.5031	1	19	28	13.102	-25	5	20.80	4	9011	VILLA DOLO	6900	4	BZ	801
	10	8	23	27	11.5027	1	19	37	55.009	-23	27	7.35	4	9011	VILLA DOLO	6900	7	BZ	2134
	10	9	0	14	50.8120	3	11	21	57.242	79	6	5.69	4	9008	SHIRAZ	9674	5	PB	124
	10	9	0	14	58.8151	3	11	18	27.893	77	58	27.83	4	9008	SHIRAZ	9674	7	PB	125
	10	9	10	3	23.6355	1	10	9	53.112	69	35	58.31	4	9001	ORGAN PASS	7849	3	NG	9964
	10	9	11	18	59.2686	1	18	33	16.240	4	48	4.95	4	9003	WOOMERA	11050	3	SS	9989
	10	9	11	19	19.2684	1	18	42	37.681	6	50	30.02	4	9003	WOOMERA	11050	8	SS	9990
	10	9	12	7	4.5939	1	7	44	20.893	75	7	49.48	4	9001	ORGAN PASS	7854	2	NG	9965
	10	9	12	7	12.5941	1	8	1	6.943	74	6	45.96	4	9001	ORGAN PASS	7854	6	NG	9966
	10	9	17	56	23.5460	1	9	17	58.423	67	40	0.75	4	9005	TOKYO	6654	3	FI	159
	10	9	17	56	39.5458	1	9	26	20.213	65	10	58.89	4	9005	TOKYO	6654	5	FI	2110
	10	9	19	17	0.0086	1	19	36	42.599	28	22	38.79	4	9002	OLIFANTS	9545	10	CB	3073
	10	10	10	54	23.5078	1	18	23	39.535	2	49	53.62	4	9003	WOOMERA	11061	3	HB	9991
	10	10	10	54	47.5074	1	18	35	36.117	5	22	17.55	4	9003	WOOMERA	11061	9	HB	9992
	10	10	18	53	32.3825	1	19	57	22.046	33	54	40.85	4	9002	OLIFANTS	9556	5	CB	9999
	10	10	18	53	56.3833	1	20	7	3.140	36	0	59.25	4	9002	OLIFANTS	9556	8	CB	
	10	11	9	15	21.2441	1	9	44	0.621	59	1	52.84	4	9001	ORGAN PASS	7868	9	SS	9971
	10	11	9	15	33.2439	1	9	45	23.183	57	34	57.93	4	9001	ORGAN PASS	7868	12	SS	9972
	10	11	11	17	18.8708	1	6	48	14.870	79	58	47.39	4	9001	ORGAN PASS	7871	10	SS	9973
	10	11	11	17	46.8711	1	8	0	10.961	76	33	0.28	4	9001	ORGAN PASS	7871	18	SS	9974
	10	12	10	53	51.8106	1	8	58	25.618	70	0	6.70	4	9001	ORGAN PASS	7880	5	SS	9975
	10	12	10	53	59.8107	1	9	4	25.401	68	41	26.38	4	9001	ORGAN PASS	7880	9	SS	9976
	10	12	14	53	40.9192	1	10	58	29.106	68	45	24.88	4	9012	MAUI	7917	3	HB	704
	10	12	14	53	52.9193	1	10	59	3.264	67	7	48.55	4	9012	MAUI	7917	6	HB	2021
	10	13	5	56	33.9686	1	22	37	33.405	-44	53	34.67	4	9012	MAUI	7923	3	HB	708
	10	13	5	56	49.9685	1	22	44	14.711	-43	32	21.06	4	9012	MAUI	7923	7	HB	709
	10	13	10	30	1.4135	1	9	20	46.306	62	10	0.03	4	9001	ORGAN PASS	7892	2	HB	9977
	10	13	10	30	17.4148	1	9	26	28.602	59	35	25.92	4	9001	ORGAN PASS	7892	6	HB	244
	10	13	14	29	10.5896	1	10	53	54.569	67	11	0.06	4	9012	MAUI	7927	3	HB	706
	10	13	14	29	18.5895	1	10	53	50.164	66	8	0.69	4	9012	MAUI	7927	5	HB	707
	10	14	5	33	35.2937	1	23	12	56.574	-36	42	14.79	4	9012	MAUI	7932	5	HB	710
	10	14	5	33	51.2936	1	23	18	49.067	-35	9	17.02	4	9012	MAUI	7932	9	PB	711
	10	14	10	5	33.0694	1	9	16	36.325	60	34	42.97	4	9001	ORGAN PASS	7900	4	HB	9979
	10	14	10	5	41.0694	1	9	18	55.822	59	19	35.79	4	9001	ORGAN PASS	7900	8	HB	9980

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	14	10	11	27.4714	1	7	48	46.457	59	4	11.41	4	9010	JUPITER	7649	6	LE	2132
	10	14	10	11	35.4712	1	7	57	0.371	57	48	19.83	4	9010	JUPITER	7649	8	LE	811
	10	14	12	8	35.6640	1	5	29	2.844	48	1	55.99	4	9001	ORGAN PASS	7903	2	HB	9981
	10	14	12	8	43.6643	1	5	38	43.005	47	13	14.33	4	9001	ORGAN PASS	7903	6	HB	9982
	10	15	9	41	40.8201	1	9	17	53.386	53	38	37.99	4	9001	ORGAN PASS	7911	2	HB	9983
	10	15	9	41	56.8213	1	9	20	50.824	51	20	47.02	4	9001	ORGAN PASS	7911	6	HB	9984
	10	15	11	44	6.0701	1	5	36	28.491	50	44	2.25	4	9001	ORGAN PASS	7914	3	HB	9985
	10	15	11	44	14.0703	1	5	46	27.121	49	50	18.32	4	9001	ORGAN PASS	7914	7	HB	9986
	10	15	17	34	48.0189	1	8	38	7.274	45	37	35.43	4	9005	TOKYO	6672	2	FI	1065
	10	15	17	35	4.0194	1	8	43	45.624	43	10	29.01	4	9005	TOKYO	6672	4	FI	1066
	10	15	19	37	49.2147	1	5	58	50.274	22	54	26.47	4	9005	TOKYO	6675	7	FI	163
	10	15	19	38	5.2150	1	6	12	14.459	20	40	56.74	4	9005	TOKYO	6675	11	FI	2111
	10	16	4	48	46.1620	1	0	20	12.407	-12	36	23.28	4	9012	MAUI	7938	3	KA	712
	10	16	4	49	2.1616	1	0	24	41.266	-11	8	53.75	4	9012	MAUI	7938	7	KA	713
	10	16	6	45	19.7207	1	19	24	49.168	-25	51	24.26	4	9012	MAUI	7943	2	KA	714
	10	16	6	45	31.7205	1	19	29	2.171	-24	56	33.25	4	9012	MAUI	7943	5	KA	2126
	10	16	11	20	16.3467	1	6	32	38.738	47	30	26.09	4	9001	ORGAN PASS	7922	5	HB	9987
	10	16	11	20	22.3469	1	6	38	52.577	46	34	54.93	4	9001	ORGAN PASS	7922	8	HB	9988
	10	16	13	14	50.3535	1	10	33	6.257	68	37	25.38	4	9012	MAUI	7945	3	KA	716
	10	16	13	15	6.3533	1	10	30	36.622	66	43	0.55	4	9012	MAUI	7945	7	KA	717
	10	16	14	38	45.6759	1	20	56	29.823	-33	31	15.84	4	9006	NAIN TAL	5074	3	NG	9967
	10	16	14	39	18.1280	1	21	10	17.038	-31	13	17.11	4	9006	NAIN TAL	5074	7	NG	9968
	10	16	17	11	16.5013	1	8	48	0.586	36	45	32.78	4	9005	TOKYO	6683	7	FI	1067
	10	16	19	13	34.4642	1	6	13	45.187	23	18	17.70	4	9005	TOKYO	6686	11	AA	165
	10	16	21	7	35.6026	1	9	33	41.367	44	36	13.98	4	9006	NAIN TAL	5077	3	KA	302
	10	16	23	9	50.1563	1	6	39	45.773	45	12	19.66	4	9006	NAIN TAL	5080	4	KA	485
	10	16	23	9	54.1565	1	6	43	41.342	44	34	21.78	4	9006	NAIN TAL	5080	5	KA	486
	10	17	1	8	28.9215	3	6	23	57.582	38	27	44.52	4	9008	SHIRAZ	9759	6	BZ	346
	10	17	2	27	30.2354	1	22	13	58.651	-32	8	50.43	4	9001	ORGAN PASS	7926	4	KA	116
	10	17	2	27	50.2354	1	22	22	20.168	-30	34	7.79	4	9001	ORGAN PASS	7926	9	KA	117
	10	17	16	13	48.9420	3	21	9	29.967	-27	52	50.92	4	9008	SHIRAZ	9762	4	BZ	347
	10	17	22	46	52.4020	1	7	57	32.570	30	36	11.42	4	9006	NAIN TAL	5088	1	NG	2020
	10	17	22	47	8.4024	1	8	6	20.750	27	47	41.24	4	9006	NAIN TAL	5088	5	BZ	1037
	10	18	0	44	41.7288	1	7	8	17.016	33	24	34.89	4	9008	SHIRAZ	9767	11	BZ	348
	10	18	5	58	37.0293	1	20	25	36.992	-17	34	28.42	4	9012	MAUI	7949	5	NG	719
	10	18	5	58	41.0291	1	20	27	35.482	-17	6	3.83	4	9012	MAUI	7949	7	NG	720
	10	18	12	26	25.0801	1	10	3	44.375	61	39	1.61	4	9012	MAUI	7951	2	NG	2127
	10	18	12	26	37.0800	1	10	2	36.087	60	18	30.89	4	9012	MAUI	7951	5	NG	718
	10	18	13	52	29.6882	1	22	11	55.527	-21	56	10.37	4	9006	NAIN TAL	5091	3	KA	460
	10	18	13	52	37.6883	1	22	15	45.026	-21	7	15.52	4	9006	NAIN TAL	5091	5	KA	461
	10	18	14	30	53.1377	1	7	47	9.767	58	45	30.11	4	9012	MAUI	7953	2	BZ	2135
	10	18	14	31	1.1376	1	7	53	35.678	57	30	17.64	4	9012	MAUI	7953	6	BZ	667
	10	18	20	19	32.6742	1	9	14	15.482	36	54	11.36	4	9006	NAIN TAL	5093	3	HB	487
	10	18	20	19	56.6738	1	9	16	7.576	34	26	23.88	4	9006	NAIN TAL	5093	6	HB	488
	10	18	22	22	11.9547	10	7	54	51.303	33	27	59.80	4	9006	NAIN TAL	5094	3	KA	462

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	18	22	22	53.4381	1	8	14	57.663	26	20	56.77	4	9006	NAIN TAL	5094	9	KA	463
	10	19	5	34	51.3191	1	20	53	35.760	-14	12	4.25	4	9012	MAUI	7958	3	FI	626
	10	19	5	35	5.3188	1	21	1	11.806	-12	19	13.37	4	9012	MAUI	7958	10	FI	627
	10	19	10	12	36.8321	1	4	56	19.696	21	21	41.36	4	9010	JUPITER	7669	3	SS	812
	10	19	10	12	40.8325	1	4	59	25.043	20	49	27.84	4	9010	JUPITER	7669	4	SS	813
	10	19	13	28	59.6763	1	22	38	49.025	-16	38	55.54	4	9006	NAIN TAL	5097	6	FI	169
	10	19	15	29	14.1136	10	19	7	2.138	- 1	48	43.73	4	9006	NAIN TAL	5099	2	CB	1039
	10	19	17	28	12.8023	3	19	7	6.722	3	17	54.29	4	9008	SHIRAZ	9781	8	KA	349
	10	19	21	58	43.9722	1	8	22	4.141	23	59	37.98	4	9006	NAIN TAL	5100	1	WS	464
	10	19	21	58	59.9723	1	8	27	34.892	21	33	52.94	4	9006	NAIN TAL	5100	5	WS	465
	10	20	1	18	16.4935	1	19	53	15.940	- 2	21	11.49	4	9010	JUPITER	7674	7	SS	814
	10	20	1	18	24.4941	1	19	56	38.349	- 1	21	52.18	4	9010	JUPITER	7674	9	SS	2023
	10	20	1	18	36.6370	1	17	59	28.543	31	48	15.25	4	9009	CURACAO	6126	3	PB	126
	10	20	1	19	8.6370	1	18	4	41.284	35	43	10.39	4	9009	CURACAO	6126	7	PB	127
	10	20	5	11	9.3231	1	21	25	18.685	- 9	37	18.21	4	9012	MAUI	7962	4	FI	2128
	10	20	5	11	17.3230	1	21	29	48.869	- 8	28	42.38	4	9012	MAUI	7962	8	FI	628
	10	20	7	46	42.0735	1	8	59	27.027	35	39	1.24	4	9010	JUPITER	7676	4	HB	816
	10	20	9	45	35.4094	1	8	26	22.227	19	17	23.09	4	9001	ORGAN PASS	7937	4	NG	200
	10	20	9	45	43.4094	1	8	28	25.153	18	17	2.19	4	9001	ORGAN PASS	7937	6	NG	2118
	10	20	9	50	0.7449	1	6	23	47.962	7	1	14.90	4	9010	JUPITER	7678	5	KA	780
	10	20	9	50	22.2080	1	6	37	50.082	3	37	4.34	4	9010	JUPITER	7678	10	KA	2027
	10	20	11	47	4.7225	1	5	12	11.180	- 2	19	29.77	4	9001	ORGAN PASS	7938	2	NG	22
	10	20	11	47	16.7224	1	5	19	37.718	- 3	50	51.68	4	9001	ORGAN PASS	7938	8	NG	205
	10	20	15	3	15.4537	3	22	32	58.539	-14	2	39.25	4	9008	SHIRAZ	9787	4	KA	350
	10	20	15	3	35.4542	3	22	42	34.054	-11	51	16.56	4	9008	SHIRAZ	9787	9	KA	351
	10	20	15	5	50.9576	1	19	21	36.014	3	33	4.74	4	9006	NAIN TAL	5105	5	CB	489
	10	20	17	4	29.1906	3	19	14	18.771	6	55	39.60	4	9008	SHIRAZ	9790	8	KA	352
	10	20	19	1	20.2972	1	23	1	18.122	-13	35	41.53	4	9004	SAN FERNAN	6727	5	SC	358
	10	20	19	1	44.2986	1	23	11	58.403	-11	25	20.98	4	9004	SAN FERNAN	6727	8	SC	359
	10	20	21	1	11.4428	1	19	47	45.944	- 3	49	33.52	4	9004	SAN FERNAN	6731	4	WS	1082
	10	20	21	1	35.4425	1	19	55	41.019	- 1	39	46.13	4	9004	SAN FERNAN	6731	7	WS	361
	10	20	23	36	31.7847	1	5	3	26.513	- 5	45	33.53	4	9006	NAIN TAL	5109	3	CB	490
	10	20	23	36	43.7849	1	5	10	26.696	- 7	18	18.87	4	9006	NAIN TAL	5109	6	CB	491
	10	21	0	55	2.3413	1	18	3	26.099	39	17	25.01	4	9009	CURACAO	6128	4	SS	128
	10	21	0	55	26.3477	1	18	8	27.768	42	28	26.74	4	9009	CURACAO	6128	7	BZ	129
	10	21	1	34	30.1868	3	4	36	25.446	- 5	58	54.28	4	9008	SHIRAZ	9795	4	TJ	353
	10	21	1	34	40.1870	1	4	41	50.227	- 7	11	37.70	4	9008	SHIRAZ	9795	9	TJ	1080
	10	21	2	52	51.4710	1	20	2	54.585	- 9	39	48.54	4	9001	ORGAN PASS	7943	2	KA	32
	10	21	2	53	7.4710	1	20	9	37.942	- 8	3	53.00	4	9001	ORGAN PASS	7943	6	KA	33
	10	21	4	49	27.7423	1	23	2	35.780	11	29	26.53	4	9012	MAUI	7963	3	FI	629
	10	21	4	49	29.7422	1	23	3	41.608	11	43	52.02	4	9012	MAUI	7963	4	FI	2129
	10	21	5	29	23.7284	1	4	20	22.302	-12	34	40.82	4	9004	SAN FERNAN	6734	4	LE	3
	10	21	5	29	35.7281	1	4	25	58.900	-13	43	29.04	4	9004	SAN FERNAN	6734	7	LE	4
	10	21	6	49	39.7919	1	18	22	20.007	23	57	29.14	4	9012	MAUI	7965	3	FI	630
	10	21	6	49	45.7919	1	18	23	40.967	24	46	7.42	4	9012	MAUI	7965	6	FI	631

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	21	9	21	40.9006	1	8	27	26.750	15	51	57.83	4	9001	ORGAN PASS	7946	2	KA	28
	10	21	9	21	56.9006	1	8	30	45.326	14	6	36.82	4	9001	ORGAN PASS	7946	6	KA	29
	10	21	9	26	4.7111	1	6	49	58.885	4	16	44.48	4	9010	JUPITER	7684	3	KA	778
	10	21	9	26	12.7117	1	6	54	42.641	3	2	32.93	4	9010	JUPITER	7684	5	KA	2026
	10	21	11	23	20.0239	1	5	39	51.322	- 5	58	57.27	4	9001	ORGAN PASS	7947	3	KA	26
	10	21	11	23	24.0238	1	5	42	15.907	- 6	29	1.56	4	9001	ORGAN PASS	7947	5	KA	27
	10	21	13	19	52.3646	1	9	1	1.144	33	44	38.90	4	9012	MAUI	7967	3	FI	632
	10	21	13	19	58.3645	1	9	2	20.607	32	51	33.01	4	9012	MAUI	7967	6	FI	633
	10	21	14	45	23.6704	3	1	21	13.841	18	29	36.99	4	9008	SHIRAZ	9796	4	NG	365
	10	21	14	45	31.6706	3	1	24	16.508	18	51	51.74	4	9008	SHIRAZ	9796	6	NG	366
	10	21	18	39	1.0711	1	23	49	54.471	- 3	7	9.06	4	9004	SAN FERNAN	6735	3	SS	5
	10	21	18	39	17.0710	1	23	56	38.729	- 1	49	6.42	4	9004	SAN FERNAN	6735	7	SS	1075
	10	21	21	11	52.1488	1	8	44	21.412	9	34	49.91	4	9006	NAIN TAL	5112	2	WS	492
	10	21	21	12	0.1489	1	8	45	54.760	8	45	5.57	4	9006	NAIN TAL	5112	3	WS	493
	10	21	23	9	59.2480	3	8	31	38.315	8	57	0.73	4	9008	SHIRAZ	9799	6	HB	690
	10	21	23	10	19.2479	3	8	36	14.959	6	45	44.52	4	9008	SHIRAZ	9799	11	HB	691
	10	21	23	12	43.3425	1	5	27	34.056	- 9	9	54.62	4	9006	NAIN TAL	5114	2	KA	782
	10	21	23	12	51.3428	1	5	32	16.415	-10	11	42.25	4	9006	NAIN TAL	5114	4	KA	783
	10	22	0	30	23.6430	1	20	31	59.275	2	27	15.95	4	9010	JUPITER	7686	8	NG	794
	10	22	0	31	12.9809	1	18	10	11.200	45	30	49.85	4	9009	CURACAO	6129	5	BZ	130
	10	22	0	31	20.9811	1	18	12	23.658	46	37	33.02	4	9009	CURACAO	6129	7	BZ	131
	10	22	1	10	51.6616	3	5	2	11.949	-10	33	57.96	4	9008	SHIRAZ	9802	8	NG	367
	10	22	2	29	42.1928	1	20	41	14.662	- 2	44	49.76	4	9001	ORGAN PASS	7953	3	PB	24
	10	22	2	29	52.1930	1	20	46	33.530	- 1	32	7.52	4	9001	ORGAN PASS	7953	8	SC	25
	10	22	2	32	49.5328	1	18	17	42.723	23	26	58.03	4	9010	JUPITER	7689	3	BZ	777
	10	22	2	33	5.5309	1	18	19	54.093	25	11	3.58	4	9010	JUPITER	7689	5	KA	2025
	10	22	4	31	40.3896	1	18	39	22.065	16	36	21.75	4	9001	ORGAN PASS	7955	5	KA	42
	10	22	4	31	52.3897	1	18	41	16.438	17	45	50.90	4	9001	ORGAN PASS	7955	8	KA	43
	10	22	5	5	35.5415	1	4	33	50.549	-15	30	32.10	4	9004	SAN FERNAN	6739	3	SS	341
	10	22	5	5	47.5419	1	4	39	39.324	-16	39	48.65	4	9004	SAN FERNAN	6739	6	SS	1076
	10	22	6	26	0.1881	1	18	32	8.258	30	57	53.91	4	9012	MAUI	7970	4	FI	634
	10	22	6	26	10.1878	1	18	35	9.024	32	29	36.99	4	9012	MAUI	7970	9	AA	2022
	10	22	9	2	18.5699	1	7	17	19.428	0	13	30.81	4	9010	JUPITER	7691	5	WS	776
	10	22	10	59	25.8012	1	6	1	41.331	- 8	17	47.73	4	9001	ORGAN PASS	7956	2	BZ	36
	10	22	10	59	35.8011	1	6	7	18.499	- 9	28	57.92	4	9001	ORGAN PASS	7956	7	BZ	37
	10	22	12	56	2.8925	1	9	2	46.101	28	7	50.94	4	9012	MAUI	7972	2	FI	636
	10	22	12	56	30.8918	1	9	7	29.632	24	30	14.30	4	9012	MAUI	7972	9	FI	637
	10	22	14	58	33.8377	1	5	44	0.435	- 0	11	34.97	4	9012	MAUI	7975	4	FI	638
	10	22	14	58	41.8373	1	5	49	9.065	- 1	29	58.14	4	9012	MAUI	7975	8	FI	639
	10	22	16	16	41.6607	3	19	37	38.157	13	31	51.54	4	9008	SHIRAZ	9806	3	NG	368
	10	22	16	16	49.6610	3	19	41	14.009	14	41	25.20	4	9008	SHIRAZ	9806	5	NG	369
	10	22	16	20	58.4417	1	18	21	27.717	27	7	40.53	4	9006	NAIN TAL	5118	4	BZ	668
	10	22	16	21	22.4417	1	18	24	9.256	29	34	47.02	4	9006	NAIN TAL	5118	7	BZ	669
	10	23	0	6	27.8473	1	18	5	34.592	44	5	17.09	4	9009	CURACAO	6133	5	HB	2123
	10	23	2	5	56.6872	1	21	8	2.185	0	50	13.46	4	9001	ORGAN PASS	7960	4	KA	44

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	23	2	6	2.6870	1	21	11	36.162	1	36	16.42	4	9001	ORGAN PASS	7960	7	KA	45
	10	23	2	9	22.0095	1	18	18	42.996	30	42	32.62	4	9010	JUPITER	7693	2	SC	773
	10	23	2	9	30.0103	1	18	20	6.236	31	43	23.39	4	9010	JUPITER	7693	3	SC	774
	10	23	4	7	35.8843	1	18	34	30.206	18	43	15.23	4	9001	ORGAN PASS	7962	4	KA	46
	10	23	4	7	43.8842	1	18	35	58.187	19	34	2.11	4	9001	ORGAN PASS	7962	6	KA	47
	10	23	6	2	7.3697	1	18	45	34.451	36	46	5.21	4	9012	MAUI	7976	6	FI	640
	10	23	6	2	11.3695	1	18	47	11.127	37	25	20.23	4	9012	MAUI	7976	8	FI	641
	10	23	10	36	27.1774	1	6	48	46.803	-16	2	11.80	4	9001	ORGAN PASS	7963	2	BZ	34
	10	23	10	36	47.1770	1	6	57	40.096	-17	52	7.60	4	9001	ORGAN PASS	7963	7	BZ	35
	10	23	12	32	16.6536	1	9	1	16.443	22	57	26.38	4	9012	MAUI	7978	3	WS	659
	10	23	12	32	28.6536	1	9	2	58.180	21	33	59.86	4	9012	MAUI	7978	6	WS	660
	10	23	13	53	45.6905	1	19	58	3.109	9	32	15.07	4	9006	NAIN TAL	5120	3	BZ	228
	10	23	13	53	57.6909	1	20	4	32.794	11	18	1.65	4	9006	NAIN TAL	5120	6	BZ	229
	10	23	14	34	35.6819	1	6	10	7.368	- 2	36	56.37	4	9012	MAUI	7981	3	TJ	661
	10	23	14	34	43.6815	1	6	15	6.087	- 3	54	44.53	4	9012	MAUI	7981	7	TJ	662
	10	23	15	52	26.2851	3	19	46	35.112	14	6	40.88	4	9008	SHIRAZ	9811	14	NG	370
	10	23	15	52	30.2851	3	19	48	38.290	14	42	40.41	4	9008	SHIRAZ	9811	16	NG	371
	10	23	15	57	18.3484	1	18	17	6.542	32	41	12.80	4	9006	NAIN TAL	5122	4	WS	1040
	10	23	15	57	34.3483	1	18	19	15.875	34	32	52.65	4	9006	NAIN TAL	5122	6	WS	495
	10	23	18	28	11.2919	1	5	44	36.342	-20	55	37.55	4	9005	TOKYO	6695	2	NG	2019
	10	23	18	28	27.2919	1	5	52	20.286	-22	18	32.64	4	9005	TOKYO	6695	4	NG	203
	10	23	19	49	31.2404	1	20	27	10.358	2	29	49.73	4	9004	SAN FERNAN	6743	6	SS	1079
	10	23	22	25	50.8205	1	6	39	56.662	-19	53	48.39	4	9006	NAIN TAL	5123	3	PB	496
	10	23	22	26	2.8204	1	6	45	41.019	-21	3	20.76	4	9006	NAIN TAL	5123	6	PB	497
	10	23	23	41	22.7822	1	17	54	57.015	39	25	6.59	4	9009	CURACAO	6136	3	HB	2119
	10	23	23	41	34.7825	1	17	59	0.210	41	12	58.38	4	9009	CURACAO	6136	6	HB	469
	10	23	23	42	41.3143	1	21	28	36.111	9	7	44.16	4	9010	JUPITER	7694	2	SC	771
	10	23	23	42	49.3142	1	21	33	51.608	10	15	52.58	4	9010	JUPITER	7694	4	SC	772
	10	24	1	41	22.2731	1	21	7	6.288	- 1	40	2.95	4	9001	ORGAN PASS	7967	3	KA	48
	10	24	1	41	26.2730	1	21	9	27.396	- 1	10	15.23	4	9001	ORGAN PASS	7967	5	KA	49
	10	24	1	45	9.1299	1	18	15	23.515	33	8	30.70	4	9010	JUPITER	7697	4	CB	2124
	10	24	1	45	33.1319	1	18	20	36.162	36	27	46.10	4	9010	JUPITER	7697	7	CB	693
	10	24	3	43	48.1740	1	18	35	17.627	23	6	28.41	4	9001	ORGAN PASS	7969	2	BZ	38
	10	24	3	44	4.1743	1	18	38	59.076	25	3	55.43	4	9001	ORGAN PASS	7969	6	CB	39
	10	24	10	12	42.2798	1	7	6	35.445	-17	56	6.81	4	9001	ORGAN PASS	7970	4	CB	40
	10	24	10	12	50.2798	1	7	9	41.146	-18	35	18.12	4	9001	ORGAN PASS	7970	6	CB	41
	10	24	10	14	59.8159	1	4	2	58.260	-19	12	18.45	4	9010	JUPITER	7700	5	CB	694
	10	24	10	15	15.8224	1	4	9	34.349	-20	55	14.05	4	9010	JUPITER	7700	7	CB	695
	10	24	13	29	58.1032	1	20	26	55.548	13	51	47.59	4	9006	NAIN TAL	5125	2	PB	498
	10	24	13	30	10.1034	1	20	34	39.879	15	41	30.14	4	9006	NAIN TAL	5125	5	PB	499
	10	24	14	11	34.4432	1	7	6	34.874	-13	7	30.39	4	9012	MAUI	7985	6	FI	663
	10	24	14	11	42.4432	1	7	10	41.003	-14	10	12.25	4	9012	MAUI	7985	10	FI	2030
	10	24	15	28	50.1133	3	20	22	1.347	20	38	51.08	4	9008	SHIRAZ	9818	3	PB	198
	10	24	15	28	56.1137	3	20	25	59.293	21	35	35.25	4	9008	SHIRAZ	9818	6	PB	199
	10	24	15	32	37.5191	1	18	6	15.020	31	43	41.19	4	9006	NAIN TAL	5127	2	TJ	452

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	24	15	33	1.5194	1	18	9	53.452	34	37	1.97	4	9006	NAIN TAL	5127	5	TJ 1036
	10	24	17	31	15.3983	3	18	5	7.633	32	49	26.75	4	9008	SHIRAZ	9821	8	TJ 374
	10	24	22	2	59.1617	1	7	22	19.160	-26	4	46.14	4	9006	NAIN TAL	5129	4	KA 670
	10	24	22	3	15.1619	1	7	28	24.581	-27	12	20.18	4	9006	NAIN TAL	5129	6	KA 671
	10	24	23	17	2.1592	1	18	0	34.967	41	6	59.04	4	9009	CURACAO	6139	4	HB 470
	10	24	23	17	10.1592	1	18	3	51.210	42	21	5.02	4	9009	CURACAO	6139	6	HB 471
	10	25	0	0	53.8460	3	6	52	57.008	-27	15	7.98	4	9008	SHIRAZ	9823	3	PB 196
	10	25	0	1	9.8457	3	6	59	46.476	-28	27	29.74	4	9008	SHIRAZ	9823	7	PB 197
	10	25	1	20	27.8504	1	23	25	17.175	20	42	33.24	4	9001	ORGAN PASS	7975	2	KA 786
	10	25	1	20	35.8503	1	23	30	29.412	21	22	39.85	4	9001	ORGAN PASS	7975	6	KA 2952
	10	25	1	20	45.2455	1	18	11	50.312	34	12	41.91	4	9010	JUPITER	7702	5	BZ 696
	10	25	5	12	56.9945	1	18	49	42.398	34	20	15.76	4	9012	MAUI	7986	3	KA 664
	10	25	5	12	58.9945	1	18	50	44.592	34	40	48.83	4	9012	MAUI	7986	4	KA 665
	10	25	7	18	15.9815	1	17	19	42.432	53	45	25.98	4	9012	MAUI	7987	4	KA 3077
	10	25	7	18	27.9817	1	17	19	49.381	55	6	51.34	4	9012	MAUI	7987	7	KA 666
	10	25	7	54	35.2864	1	8	29	45.844	3	46	3.80	4	9009	CURACAO	6141	6	BZ 472
	10	25	9	52	5.6606	1	4	39	48.720	-28	35	32.37	4	9010	JUPITER	7706	4	BZ 697
	10	25	9	52	29.6620	1	4	50	31.889	-31	0	8.42	4	9010	JUPITER	7706	10	BZ 698
	10	25	13	6	22.8268	10	21	9	29.699	19	43	27.95	4	9006	NAIN TAL	5132	4	SC 500
	10	25	13	6	30.8276	10	21	15	24.676	20	52	23.16	4	9006	NAIN TAL	5132	6	SC 501
	10	25	13	47	45.5246	1	7	29	20.289	-15	27	37.20	4	9012	MAUI	7990	4	HB 644
	10	25	13	47	53.5245	1	7	32	51.897	-16	22	12.25	4	9012	MAUI	7990	8	HB 645
	10	25	15	8	51.3876	1	18	5	32.447	37	36	49.83	4	9006	NAIN TAL	5134	4	KA 682
	10	25	15	9	7.3881	1	18	8	40.816	39	46	34.81	4	9006	NAIN TAL	5134	6	KA 2121
	10	25	17	7	51.5718	3	18	6	23.060	41	31	14.15	4	9008	SHIRAZ	9830	7	NG 1035
	10	25	17	7	59.5721	3	18	7	48.940	42	35	35.01	4	9008	SHIRAZ	9830	9	NG 373
	10	26	0	57	10.6626	1	18	26	42.015	42	58	4.95	4	9010	JUPITER	7712	5	BZ 699
	10	26	2	55	50.3373	1	18	43	34.504	30	57	20.48	4	9001	ORGAN PASS	7981	3	NG 792
	10	26	2	56	0.3369	1	18	47	16.856	32	26	53.30	4	9001	ORGAN PASS	7981	8	NG 793
	10	26	4	48	52.2063	1	19	12	4.683	37	47	50.11	4	9012	MAUI	7994	5	HB 646
	10	26	4	48	56.2062	1	19	14	39.896	38	28	21.56	4	9012	MAUI	7994	7	HB 647
	10	26	4	59	20.6411	1	18	11	53.223	38	15	39.83	4	9001	ORGAN PASS	7982	3	KA 30
	10	26	4	59	44.6406	1	18	14	14.727	40	38	56.97	4	9001	ORGAN PASS	7982	6	KA 31
	10	26	6	54	5.6706	1	17	9	46.522	57	22	3.38	4	9012	MAUI	7997	3	HB 648
	10	26	6	54	25.6705	1	17	10	1.684	59	44	30.60	4	9012	MAUI	7997	8	PB 649
	10	26	7	31	2.5637	1	8	45	51.918	- 1	43	41.83	4	9009	CURACAO	6145	7	KA 473
	10	26	7	31	10.5640	1	8	48	13.358	- 2	41	50.79	4	9009	CURACAO	6145	9	KA 474
	10	26	9	28	18.4775	1	4	57	43.689	-32	5	20.58	4	9010	JUPITER	7715	5	LE 700
	10	26	9	28	34.4777	1	5	5	11.276	-33	35	59.84	4	9010	JUPITER	7715	7	LE 2125
	10	26	9	32	0.5997	1	4	22	27.464	-25	10	23.92	4	9009	CURACAO	6148	3	BZ 475
	10	26	9	32	4.5999	1	4	24	7.202	-25	43	15.95	4	9009	CURACAO	6148	4	BZ 476
	10	26	13	24	19.8200	1	7	55	7.858	-19	22	25.35	4	9012	MAUI	8000	3	PB 3075
	10	26	13	24	35.8697	1	8	0	50.262	-20	48	39.50	4	9012	MAUI	8000	7	PB 650
	10	26	14	45	18.4051	1	18	13	34.211	46	23	56.64	4	9006	NAIN TAL	5138	4	SE 672
	10	26	14	45	26.4052	1	18	15	54.411	47	36	36.85	4	9006	NAIN TAL	5138	6	SE 673

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	26	15	23	7.7595	1	3	24	25.557	-20	5	25.40	4	9012	MAUI	8004	3	PB	651
	10	26	15	23	27.7594	1	3	30	51.693	-22	12	13.46	4	9012	MAUI	8004	8	PB	652
	10	26	18	37	55.6442	1	21	39	3.028	10	34	13.72	4	9004	SAN FERNAN	6747	4	KA	343
	10	26	18	38	11.6443	1	21	50	7.498	12	25	20.96	4	9004	SAN FERNAN	6747	8	KA	1077
	10	26	23	14	16.1043	1	3	55	43.689	-30	47	50.04	4	9006	NAIN TAL	5141	3	TJ	2120
	10	26	23	14	40.1044	1	4	4	24.819	-32	54	28.84	4	9006	NAIN TAL	5141	6	SC	675
	10	27	6	29	39.8950	1	17	1	8.457	59	20	13.50	4	9012	MAUI	8007	4	KA	3076
	10	27	6	29	47.8950	1	17	1	26.232	60	19	6.88	4	9012	MAUI	8007	6	KA	654
	10	27	7	7	17.4177	1	8	52	16.277	- 4	38	43.47	4	9009	CURACAO	6152	3	BZ	477
	10	27	7	7	41.4170	1	8	58	13.415	- 7	5	26.23	4	9009	CURACAO	6152	6	BZ	478
	10	27	9	8	3.0835	1	4	36	49.002	-28	49	30.19	4	9009	CURACAO	6156	5	NG	795
	10	27	9	8	11.0835	1	4	40	34.333	-29	55	49.05	4	9009	CURACAO	6156	7	NG	796
	10	27	9	13	58.8184	1	8	32	23.662	6	49	2.64	4	9007	AREQUIPA	7394	2	KA	194
	10	27	9	14	22.8180	1	8	46	38.089	2	57	32.25	4	9007	AREQUIPA	7394	8	KA	195
	10	27	11	1	49.9184	1	4	38	3.825	-35	45	34.37	4	9001	ORGAN PASS	7988	3	KA	684
	10	27	11	2	5.9473	1	4	44	37.593	-36	58	55.95	4	9001	ORGAN PASS	7988	6	KA	2122
	10	27	15	0	9.2298	1	3	49	2.858	-29	26	23.74	4	9012	MAUI	8011	4	WS	657
	10	27	15	0	21.2295	1	3	53	26.282	-30	44	2.62	4	9012	MAUI	8011	7	WS	2133
	10	28	2	7	28.1293	1	19	1	4.991	36	16	24.42	4	9001	ORGAN PASS	7993	4	TJ	245
	10	28	2	7	32.1293	1	19	3	21.114	36	55	30.52	4	9001	ORGAN PASS	7993	6	TJ	1072
	10	28	4	10	43.9614	1	17	48	38.073	42	7	6.10	4	9001	ORGAN PASS	7995	5	TJ	1073
	10	28	4	10	51.9613	1	17	49	34.103	43	0	45.17	4	9001	ORGAN PASS	7995	7	TJ	1074
	10	28	6	5	4.2052	1	16	53	40.149	60	8	46.44	4	9012	MAUI	8015	3	HB	817
	10	28	6	5	16.2052	1	16	54	31.253	61	40	15.89	4	9012	MAUI	8015	6	HB	818
	10	28	8	44	55.5690	1	5	22	36.352	-38	44	9.57	4	9009	CURACAO	6160	4	CB	481
	10	28	8	45	7.5688	1	5	29	11.899	-40	9	43.09	4	9009	CURACAO	6160	7	CB	482
	10	28	8	48	27.8836	1	7	59	53.720	18	21	7.62	4	9007	AREQUIPA	7409	2	WS	188
	10	28	8	48	47.8834	1	8	11	8.157	15	20	41.41	4	9007	AREQUIPA	7409	6	WS	189
	10	28	13	56	13.6343	1	18	9	5.215	47	8	30.21	4	9006	NAIN TAL	5145	5	KA	676
	10	28	13	56	25.6345	1	18	14	7.879	49	4	23.47	4	9006	NAIN TAL	5145	8	KA	677
	10	28	14	37	1.9472	1	4	18	9.432	-37	52	54.28	4	9012	MAUI	8019	4	HB	642
	10	28	15	55	24.9239	3	18	12	44.795	53	31	26.40	4	9008	SHIRAZ	9855	5	HB	688
	10	28	15	55	48.9247	3	18	24	5.541	57	21	17.14	4	9008	SHIRAZ	9855	11	HB	689
	10	28	16	0	13.0072	1	17	30	50.902	50	3	27.54	4	9006	NAIN TAL	5147	2	BZ	457
	10	28	16	0	37.0067	1	17	31	55.806	52	40	9.11	4	9006	NAIN TAL	5147	5	BZ	458
	10	28	21	54	31.8434	1	18	15	6.934	38	50	21.64	4	9004	SAN FERNAN	6755	3	SS	2116
	10	28	23	44	17.9626	1	19	2	36.779	49	32	49.53	4	9010	JUPITER	7729	7	LE	702
	10	28	23	44	29.9630	1	19	11	58.968	51	28	5.65	4	9010	JUPITER	7729	10	LE	703
	10	29	2	30	54.5004	1	6	24	16.973	34	0	17.50	4	9002	OLIFANTS	9825	5	LE	1
	10	29	2	31	26.5001	1	6	40	5.162	31	20	14.06	4	9002	OLIFANTS	9825	9	LE	2
	10	29	5	39	44.0779	1	16	42	47.578	55	10	1.40	4	9012	MAUI	8027	3	WS	655
	10	29	5	40	0.0779	1	16	44	31.621	57	14	47.31	4	9012	MAUI	8027	7	WS	656
	10	29	8	21	21.1925	1	6	1	19.019	-43	35	35.30	4	9009	CURACAO	6168	2	CB	1038
	10	29	8	21	29.1924	1	6	6	1.049	-44	22	31.90	4	9009	CURACAO	6168	4	SE	483
	10	29	8	24	38.0611	1	8	23	2.832	14	3	15.27	4	9007	AREQUIPA	7422	2	KA	192

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1962	10	29	8	24	58.0613	1	8	33	22.575	11	6	40.86	4	9007	AREQUIPA	7422	7	KA 1088
	10	29	8	28	18.0537	1	8	35	22.615	22	20	53.46	4	9011	VILLA DOLO	7201	5	BZ 802
	10	29	13	32	28.5983	1	18	36	4.023	55	4	29.96	4	9006	NAIN TAL	5155	5	SC 678
	10	29	13	32	32.5982	1	18	38	45.254	55	43	26.04	4	9006	NAIN TAL	5155	6	HB 679
	10	29	14	13	8.9510	1	4	34	3.807	-41	11	9.55	4	9012	MAUI	8030	3	CB 788
	10	29	14	13	28.9507	1	4	43	12.663	-43	3	17.16	4	9012	MAUI	8030	8	CB 789
	10	29	15	31	8.7015	3	18	22	58.401	56	38	15.15	4	9008	SHIRAZ	9867	3	HB 377
	10	29	15	31	24.7019	3	18	33	2.568	59	12	15.25	4	9008	SHIRAZ	9867	7	HB 378
	10	29	15	36	26.0916	1	17	18	57.806	56	6	51.84	4	9006	NAIN TAL	5157	2	WS 455
	10	29	15	36	50.0911	1	17	19	53.119	58	59	4.62	4	9006	NAIN TAL	5157	5	WS 456
	10	29	18	17	19.9132	1	9	8	32.998	22	2	28.10	4	9003	WOOMERA	11274	3	HB 9993
	10	29	18	17	39.9131	1	9	16	15.412	20	10	17.57	4	9003	WOOMERA	11274	8	HB 9994
	10	29	23	19	7.7975	1	16	1	20.137	54	37	1.86	4	9009	CURACAO	6173	3	BZ 479
	10	30	1	19	10.6445	1	19	41	42.365	41	33	38.54	4	9001	ORGAN PASS	8012	5	BZ 53
	10	30	1	19	18.6445	1	19	48	36.908	42	47	22.39	4	9001	ORGAN PASS	8012	7	BZ 54
	10	30	3	22	27.1716	1	17	32	17.086	49	13	28.81	4	9001	ORGAN PASS	8015	5	BZ 55
	10	30	3	22	35.1716	1	17	33	37.974	50	16	19.73	4	9001	ORGAN PASS	8015	7	BZ 56
	10	30	7	58	12.9287	1	6	56	46.505	-48	31	25.01	4	9009	CURACAO	6175	5	CB 480
	10	30	8	1	17.9423	1	8	54	44.983	5	52	52.59	4	9007	AREQUIPA	7442	2	SC 190
	10	30	8	1	41.9406	1	9	5	40.052	2	41	38.66	4	9007	AREQUIPA	7442	5	SC 2117
	10	30	8	5	41.3106	1	9	22	52.068	11	37	26.55	4	9011	VILLA DOLO	7227	7	BZ 803
	10	30	13	7	48.2917	1	18	36	47.790	53	47	43.92	4	9006	NAIN TAL	5163	1	WS 466
	10	30	13	8	4.2920	1	18	49	8.966	56	21	33.11	4	9006	NAIN TAL	5163	5	WS 467
	10	30	15	11	50.2106	1	17	5	38.623	56	45	53.04	4	9006	NAIN TAL	5166	2	WS 453
	10	30	15	12	14.2104	1	17	6	46.542	59	43	18.27	4	9006	NAIN TAL	5166	5	WS 454
	10	30	22	56	34.6551	1	16	5	4.397	69	9	31.70	4	9009	CURACAO	6179	3	SE 484
	10	31	2	58	26.1863	1	17	29	0.536	54	21	58.21	4	9001	ORGAN PASS	8026	3	BZ 57
	10	31	2	58	34.1864	1	17	30	50.849	55	30	10.55	4	9001	ORGAN PASS	8026	5	BZ 246
	10	31	4	50	44.5285	1	16	34	12.595	58	0	48.87	4	9012	MAUI	8043	4	CB 790
	10	31	4	50	50.5284	1	16	35	27.283	58	50	56.12	4	9012	MAUI	8043	7	CB 791
	10	31	7	39	59.0038	10	8	42	37.818	19	52	2.72	4	9011	VILLA DOLO	7251	6	SC 804
	10	31	7	40	3.0027	10	8	44	22.682	19	28	25.41	4	9011	VILLA DOLO	7251	7	SC 805
	10	31	14	42	42.4946	3	19	12	46.187	62	48	52.68	4	9008	SHIRAZ	9885	3	TJ 375
	10	31	14	42	50.4946	3	19	22	6.414	63	55	23.63	4	9008	SHIRAZ	9885	5	TJ 376
	10	31	14	48	9.2493	1	16	56	12.885	64	30	46.91	4	9006	NAIN TAL	5174	3	KA 784
	10	31	14	48	25.2491	1	16	57	1.020	66	38	32.85	4	9006	NAIN TAL	5174	5	KA 785
	11	1	0	35	55.7818	1	16	44	45.211	68	44	13.73	4	9010	JUPITER	7736	5	HC 8250
	11	1	0	35	59.7829	1	16	45	17.585	69	17	41.04	4	9010	JUPITER	7736	6	HC 8251
	11	1	1	16	29.6635	1	6	2	56.694	41	50	51.00	4	9002	OLIFANTS	9841	4	BN 4319
	11	1	1	17	1.6629	1	6	18	7.169	39	30	9.00	4	9002	OLIFANTS	9841	8	BN 4320
	11	1	2	33	58.1657	1	17	22	39.233	55	57	53.37	4	9001	ORGAN PASS	8036	6	LD 4246
	11	1	2	34	2.1657	1	17	23	45.842	56	33	8.54	4	9001	ORGAN PASS	8036	8	LD 4247
	11	1	2	39	58.7211	1	17	0	52.265	62	30	14.40	4	9010	JUPITER	7738	5	VD 8252
	11	1	4	37	11.4970	1	17	41	3.330	48	59	33.56	4	9001	ORGAN PASS	8038	5	RO 4814
	11	1	7	16	28.9940	1	8	59	44.194	14	49	3.92	4	9011	VILLA DOLO	7259	5	YK 7077

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	1	14	23	26.7120	1	16	45	3.355	64	29	41.56	4	9006	NAIN TAL	5182	4	HC	4335
	11	1	14	23	50.7118	1	16	46	58.531	67	45	59.70	4	9006	NAIN TAL	5182	7	HC	4336
	11	1	16	22	35.2550	1	16	47	13.016	68	21	16.35	4	9008	SHIRAZ	9898	6	PL	4416
	11	1	16	22	47.2546	1	16	47	48.376	69	59	6.22	4	9008	SHIRAZ	9898	9	PL	4417
	11	1	20	17	30.5052	1	17	41	59.398	49	20	23.02	4	9004	SAN FERNAN	6780	3	LD	4788
	11	1	20	17	46.5047	1	17	47	0.789	51	31	58.31	4	9004	SAN FERNAN	6780	7	LD	4789
	11	2	8	50	42.0657	1	5	26	53.653	-34	35	49.13	4	9007	AREQUIPA	7499	2	DM	4793
	11	2	8	51	10.0650	1	5	46	33.973	-39	43	20.26	4	9007	AREQUIPA	7499	9	DM	4794
	11	2	13	59	26.8317	1	16	40	3.135	70	24	52.43	4	9006	NAIN TAL	5193	4	YK	4337
	11	2	13	59	36.4696	1	16	41	25.402	71	46	43.86	4	9006	NAIN TAL	5193	6	YK	4338
	11	2	15	57	59.1005	1	16	37	8.151	69	17	30.15	4	9008	SHIRAZ	9912	3	PL	4420
	11	2	15	58	15.1006	1	16	38	33.800	71	30	58.13	4	9008	SHIRAZ	9912	7	PL	6402
	11	2	16	2	12.1294	1	17	16	50.392	55	46	6.06	4	9006	NAIN TAL	5195	3	YK	4768
	11	2	16	2	44.1288	1	17	19	18.366	58	54	42.94	4	9006	NAIN TAL	5195	7	YK	4340
	11	2	19	53	21.7502	1	17	41	10.919	53	28	36.97	4	9004	SAN FERNAN	6790	6	LD	4026
	11	2	19	53	25.7503	1	17	42	45.676	54	3	28.79	4	9004	SAN FERNAN	6790	7	LD	4790
	11	3	1	46	3.2147	1	17	52	29.400	68	45	51.48	4	9001	ORGAN PASS	8059	8	VD	4875
	11	3	3	49	0.2404	1	17	14	22.212	56	31	22.45	4	9001	ORGAN PASS	8061	2	LD	4249
	11	3	3	49	8.2408	1	17	15	27.714	57	25	36.35	4	9001	ORGAN PASS	8061	4	LD	4876
	11	3	6	25	7.1795	1	9	1	26.347	0	19	12.96	4	9007	AREQUIPA	7513	4	DM	4795
	11	3	8	27	38.2974	1	6	49	17.800	-46	42	38.79	4	9007	AREQUIPA	7515	10	DM	4040
	11	3	13	34	39.4619	1	16	31	54.614	69	45	7.81	4	9006	NAIN TAL	5204	5	YK	4769
	11	3	15	33	29.3162	1	16	29	38.359	71	8	27.96	4	9008	SHIRAZ	9921	9	PL	4418
	11	3	15	33	41.3159	1	16	31	28.200	72	50	51.00	4	9008	SHIRAZ	9921	12	PL	4419
	11	3	18	19	27.9032	1	8	22	51.665	- 8	40	12.09	4	9003	WOOMERA	11351	9	BN	3724
	11	3	18	19	31.9031	1	8	25	37.446	- 9	10	21.73	4	9003	WOOMERA	11351	10	BN	3725
	11	3	21	32	3.0897	1	17	56	5.850	47	27	31.36	4	9004	SAN FERNAN	6792	3	BA	4027
	11	3	21	32	19.0896	1	18	0	16.412	49	1	10.82	4	9004	SAN FERNAN	6792	5	BA	4028
	11	4	8	6	15.5563	1	7	32	2.118	-14	56	33.31	4	9011	VILLA DOLO	7286	5	PK	5364
	11	4	8	6	23.5561	1	7	38	24.137	-16	5	41.48	4	9011	VILLA DOLO	7286	7	PK	5365
	11	4	9	14	36.5961	1	18	12	2.152	64	45	42.42	4	9005	TOKYO	6740	10	MY	4007
	11	4	9	14	52.5962	1	18	28	26.162	67	10	45.20	4	9005	TOKYO	6740	14	MY	4884
	11	4	11	17	8.9256	1	17	31	53.426	51	14	37.46	4	9005	TOKYO	6742	3	DU	5268
	11	4	11	17	40.9254	1	17	40	10.561	54	48	52.72	4	9005	TOKYO	6742	7	VD	4585
	11	4	15	10	18.6777	1	17	11	56.815	84	23	43.38	4	9008	SHIRAZ	9937	7	LD	4422
	11	4	15	10	34.6774	1	17	53	6.517	86	33	39.23	4	9008	SHIRAZ	9937	11	LD	4423
	11	4	17	13	1.0831	1	16	56	41.300	65	40	45.36	4	9008	SHIRAZ	9939	7	BA	4424
	11	4	17	13	13.0834	1	16	57	41.276	67	2	50.89	4	9008	SHIRAZ	9939	10	BA	6403
	11	4	17	54	53.4141	1	8	15	48.970	- 5	36	11.35	4	9003	WOOMERA	11370	3	BN	3722
	11	4	17	55	35.0678	1	8	42	46.063	-10	28	49.67	4	9003	WOOMERA	11370	12	BN	3723
	11	4	19	4	55.6679	1	17	51	32.507	61	6	32.74	4	9004	SAN FERNAN	6804	3	PK	4029
	11	4	19	4	59.6680	1	17	54	26.717	61	43	42.31	4	9004	SAN FERNAN	6804	4	PK	4030
	11	4	21	7	34.3875	1	17	40	28.288	48	49	31.72	4	9004	SAN FERNAN	6806	3	PK	4791
	11	4	21	8	6.3871	1	17	49	26.892	52	10	5.47	4	9004	SAN FERNAN	6806	7	PK	4882
	11	4	23	43	34.9810	1	8	6	1.772	15	11	50.01	4	9002	OLIFANTS	9882	4	BN	4764

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	4	23	43	58.9810	1	8	15	7.858	12	44	23.60	4	9002	OLIFANTS	9882	7	BN	7870
	11	4	23	47	14.7909	1	9	26	11.489	- 5	1	3.16	4	9002	OLIFANTS	9883	3	BN	4765
	11	4	23	47	38.7907	1	9	34	27.773	- 6	47	8.47	4	9002	OLIFANTS	9883	6	BN	4324
	11	5	1	2	58.2585	1	15	29	28.037	75	19	14.59	4	9010	JUPITER	7766	5	VD	8254
	11	5	1	3	14.2611	1	15	20	56.275	77	11	2.10	4	9010	JUPITER	7766	7	VD	8255
	11	5	1	41	46.1909	1	3	33	0.154	15	42	32.41	4	9002	OLIFANTS	9887	3	VD	4325
	11	5	1	42	34.1917	1	3	48	26.895	11	19	8.63	4	9002	OLIFANTS	9887	9	VD	4326
	11	5	4	53	45.2155	1	14	43	6.001	70	11	17.87	4	9012	MAUI	8088	3	HC	4046
	11	5	4	54	1.2155	1	14	37	47.875	71	52	46.50	4	9012	MAUI	8088	7	HC	4047
	11	5	8	50	24.0706	1	18	40	51.955	68	17	52.79	4	9005	TOKYO	6755	6	VD	4010
	11	5	8	50	52.0706	1	19	26	30.609	71	53	30.88	4	9005	TOKYO	6755	13	VD	4586
	11	5	10	54	8.6543	1	17	46	50.637	63	34	52.44	4	9005	TOKYO	6757	9	PK	4012
	11	5	17	31	3.2777	1	8	34	40.411	- 7	49	29.96	4	9003	WOOMERA	11380	2	PL	4567
	11	5	17	31	19.2777	1	8	44	16.238	- 9	31	19.76	4	9003	WOOMERA	11380	10	PL	3879
	11	5	17	31	35.2776	1	8	53	48.386	-11	8	43.76	4	9003	WOOMERA	11380	18	PL	3880
	11	5	23	20	29.5398	1	8	26	33.352	7	50	56.24	4	9002	OLIFANTS	9903	3	VD	4327
	11	5	23	20	45.5396	1	8	32	4.204	6	22	55.26	4	9002	OLIFANTS	9903	5	VD	4766
	11	6	1	18	55.9513	1	4	7	23.624	8	2	45.45	4	9002	OLIFANTS	9907	3	BN	3465
	11	6	10	29	11.8988	1	17	22	10.067	61	48	59.14	4	9005	TOKYO	6777	7	DU	6404
	11	6	10	29	19.8988	1	17	25	31.496	62	52	23.57	4	9005	TOKYO	6777	8	DU	6405
	11	7	0	55	33.8254	1	4	42	9.018	1	32	48.42	4	9002	OLIFANTS	9915	6	DU	3466
	11	7	0	55	41.8252	1	4	46	31.004	0	22	44.28	4	9002	OLIFANTS	9915	8	DU	3467
	11	7	2	12	22.7789	1	16	31	36.928	73	47	36.71	4	9001	ORGAN PASS	8090	4	LD	4251
	11	7	2	12	26.7790	1	16	32	54.927	74	21	51.69	4	9001	ORGAN PASS	8090	6	LD	4815
	11	7	6	52	59.4742	1	9	38	51.832	-44	37	51.60	4	9007	AREQUIPA	7574	7	DM	4041
	11	7	16	42	26.9304	1	8	30	8.630	- 5	54	20.70	4	9003	WOOMERA	11397	5	PL	3881
	11	7	16	42	58.9306	1	8	46	31.778	- 8	50	52.30	4	9003	WOOMERA	11397	13	PL	4568
	11	7	18	44	26.0640	1	5	24	22.772	-44	8	31.70	4	9003	WOOMERA	11401	7	DM	3882
	11	7	18	44	32.0639	1	5	29	34.226	-45	12	49.08	4	9003	WOOMERA	11401	10	DM	3883
	11	8	1	47	51.4150	1	16	21	5.515	75	31	13.02	4	9001	ORGAN PASS	8105	4	DM	4816
	11	8	3	50	11.8819	1	17	29	24.301	54	49	57.03	4	9001	ORGAN PASS	8107	2	VD	4253
	11	8	3	50	19.8822	1	17	31	44.781	55	33	48.16	4	9001	ORGAN PASS	8107	4	VD	4817
	11	8	6	30	5.1597	1	8	36	38.668	-16	15	8.17	4	9011	VILLA DOLO	7325	7	YK	5369
	11	8	6	30	9.1598	1	8	39	10.714	-16	36	39.36	4	9011	VILLA DOLO	7325	8	YK	5370
	11	8	16	18	28.8769	1	8	34	58.580	- 6	52	4.47	4	9003	WOOMERA	11415	6	DM	3884
	11	8	16	18	48.8766	1	8	44	23.352	- 8	32	30.24	4	9003	WOOMERA	11415	11	DM	3885
	11	8	18	20	40.4133	1	6	18	28.313	-49	48	19.18	4	9003	WOOMERA	11418	3	HC	3886
	11	8	18	20	54.4128	1	6	35	20.895	-51	46	39.55	4	9003	WOOMERA	11418	10	HC	3887
	11	9	0	8	52.5208	1	6	22	41.783	-14	48	3.25	4	9002	OLIFANTS	9922	4	DU	3468
	11	9	0	9	24.5209	1	6	46	59.783	-19	30	45.03	4	9002	OLIFANTS	9922	12	DU	3469
	11	9	1	23	41.9302	1	16	28	26.977	80	28	18.14	4	9001	ORGAN PASS	8120	5	MY	4877
	11	9	1	23	49.9305	1	16	36	30.090	81	38	25.47	4	9001	ORGAN PASS	8120	7	MY	4256
	11	9	3	26	6.7137	1	17	18	4.518	58	51	17.33	4	9001	ORGAN PASS	8122	4	MY	4257
	11	9	3	26	14.7135	1	17	20	46.705	59	39	37.39	4	9001	ORGAN PASS	8122	6	MY	4878
	11	9	6	5	37.5818	1	8	28	28.485	-13	55	24.86	4	9011	VILLA DOLO	7339	5	YK	5371

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	9	6	5	45.5820	1	8	33	9.451	-14	37	2.43	4	9011	VILLA DOLO	7339	7	YK	5372
	11	9	8	7	31.0209	1	4	58	55.316	-51	11	58.46	4	9011	VILLA DOLO	7342	3	HC	6555
	11	9	8	7	39.0207	1	5	6	8.002	-52	36	57.72	4	9011	VILLA DOLO	7342	5	HC	5367
	11	9	23	45	1.9039	1	6	53	5.641	-17	14	40.03	4	9002	OLIFANTS	9928	3	DU	3470
	11	9	23	45	25.9040	1	7	10	34.985	-20	18	19.64	4	9002	OLIFANTS	9928	9	DU	3471
	11	10	3	2	20.1977	1	17	16	16.378	65	20	46.53	4	9001	ORGAN PASS	8141	4	MY	3690
	11	10	3	2	28.1977	1	17	20	9.878	66	15	11.60	4	9001	ORGAN PASS	8141	6	MY	4558
	11	10	15	30	32.4058	1	8	36	29.198	- 8	15	1.89	4	9003	WOOMERA	11436	2	HC	3888
	11	10	15	30	55.7869	1	8	45	47.646	- 9	49	31.12	4	9003	WOOMERA	11436	8	HC	3889
	11	10	17	32	35.8417	1	7	42	19.999	-50	2	47.78	4	9003	WOOMERA	11439	5	HC	3890
	11	10	17	32	51.8413	1	8	2	27.269	-51	3	22.44	4	9003	WOOMERA	11439	13	HC	3891
	11	10	23	21	58.3471	1	7	49	30.671	-23	36	13.03	4	9002	OLIFANTS	9943	3	YK	3472
	11	10	23	22	14.3470	1	7	59	56.607	-24	59	57.92	4	9002	OLIFANTS	9943	8	YK	3473
	11	11	15	6	1.5696	1	8	21	51.258	- 6	36	24.69	4	9003	WOOMERA	11450	3	BN	4569
	11	11	15	6	9.5697	1	8	24	52.831	- 7	9	3.62	4	9003	WOOMERA	11450	5	BN	5303
	11	11	17	8	31.4758	1	8	12	27.683	-47	54	36.13	4	9003	WOOMERA	11453	3	BN	3894
	11	11	17	8	41.4755	1	8	23	40.729	-48	18	51.95	4	9003	WOOMERA	11453	8	BN	4570
	11	12	0	16	40.9888	1	13	0	36.196	87	8	41.60	4	9010	JUPITER	7839	6	RO	8744
	11	12	0	17	12.9913	1	6	39	2.684	87	19	34.74	4	9010	JUPITER	7839	10	RO	9682
	11	12	6	55	34.4125	1	7	31	3.549	-57	31	18.82	4	9011	VILLA DOLO	7385	5	HC	5368
	11	12	6	55	38.4123	1	7	37	4.745	-57	44	27.81	4	9011	VILLA DOLO	7385	6	HC	7078
	11	12	16	1	37.2557	1	17	9	35.829	73	22	42.48	4	9008	SHIRAZ	10028	5	VD	4818
	11	12	16	1	53.2555	1	17	22	56.974	75	12	18.61	4	9008	SHIRAZ	10028	9	VD	4429
	11	12	16	44	20.5638	1	8	27	19.173	-44	58	43.94	4	9003	WOOMERA	11466	5	BN	3479
	11	12	16	44	22.5638	1	8	29	18.192	-45	2	29.01	4	9003	WOOMERA	11466	6	BN	3480
	11	12	18	47	13.5656	1	3	32	55.747	-74	15	5.80	4	9003	WOOMERA	11469	15	BN	3481
	11	13	13	39	28.6282	1	17	36	17.063	84	1	43.86	4	9006	NAIN TAL	5325	5	BN	4016
	11	14	6	7	19.9368	1	8	29	13.595	-51	58	54.21	4	9011	VILLA DOLO	7399	4	LD	6074
	11	14	6	7	31.9365	1	8	42	43.243	-52	1	30.99	4	9011	VILLA DOLO	7399	7	LD	5373
	11	14	8	9	57.5858	1	2	56	33.924	-73	35	24.05	4	9011	VILLA DOLO	7402	5	LD	5374
	11	14	8	10	5.5859	1	3	1	55.575	-74	55	32.67	4	9011	VILLA DOLO	7402	7	LD	5375
	11	14	13	15	42.6565	1	1	3	20.767	86	8	15.24	4	9006	NAIN TAL	5347	5	RO	4886
	11	14	13	15	50.6567	1	1	34	10.691	85	8	17.29	4	9006	NAIN TAL	5347	7	RO	4049
	11	14	15	56	12.4080	1	8	50	11.787	-39	22	13.99	4	9003	WOOMERA	11483	4	DM	3700
	11	14	15	56	40.4073	1	9	9	54.264	-39	42	10.88	4	9003	WOOMERA	11483	11	DM	3701
	11	14	17	57	0.5979	1	2	57	12.601	-64	5	26.18	4	9003	WOOMERA	11487	3	DM	3702
	11	14	17	57	4.5979	1	2	59	44.627	-64	46	53.11	4	9003	WOOMERA	11487	5	DM	4114
	11	14	19	9	16.2184	1	19	44	55.495	71	41	6.35	4	9004	SAN FERNAN	6835	3	PK	4033
	11	14	19	9	20.2184	1	19	53	33.911	71	53	35.96	4	9004	SAN FERNAN	6835	4	PK	4034
	11	15	5	2	22.3543	1	4	28	52.150	74	14	35.02	4	9012	MAUI	8208	5	LT	4024
	11	15	5	2	30.3544	1	4	26	14.568	73	20	45.10	4	9012	MAUI	8208	7	LT	4025
	11	15	12	51	6.5145	1	1	59	52.134	85	23	36.55	4	9006	NAIN TAL	5367	4	RO	4796
	11	15	12	51	14.5147	1	2	13	2.452	84	17	1.89	4	9006	NAIN TAL	5367	6	RO	4051
	11	15	14	52	57.2755	1	18	34	26.614	56	0	48.35	4	9006	NAIN TAL	5374	6	LD	4052
	11	15	14	53	13.2757	1	18	45	51.355	56	50	12.58	4	9006	NAIN TAL	5374	8	LD	4053

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	15	15	31	29.9610	1	8	28	9.256	-36	0	43.12	4	9003	WOOMERA	11494	3	HC	3704
	11	15	15	31	45.9607	1	8	39	0.152	-36	23	46.53	4	9003	WOOMERA	11494	7	HC	3705
	11	15	17	33	37.5665	1	4	32	50.447	-75	26	37.98	4	9003	WOOMERA	11496	8	LD	4571
	11	15	17	33	43.5665	1	4	46	1.821	-76	12	31.05	4	9003	WOOMERA	11496	11	LD	4572
	11	15	18	45	20.4307	1	21	24	40.806	74	1	13.23	4	9004	SAN FERNAN	6856	4	VD	5310
	11	15	20	46	38.6604	1	19	4	53.183	38	18	19.02	4	9004	SAN FERNAN	6861	7	VD	4792
	11	15	20	46	46.6607	1	19	9	38.751	38	24	34.76	4	9004	SAN FERNAN	6861	9	VD	5311
	11	16	5	18	49.1959	1	8	38	19.135	-45	16	17.75	4	9011	VILLA DOLO	7420	4	LT	5376
	11	16	5	18	57.1959	1	8	45	5.385	-45	16	28.10	4	9011	VILLA DOLO	7420	6	LT	5377
	11	16	7	19	42.2359	1	2	23	56.103	-63	30	6.06	4	9011	VILLA DOLO	7423	3	LT	5378
	11	16	7	19	54.2356	1	2	29	39.971	-65	32	33.56	4	9011	VILLA DOLO	7423	6	LT	6075
	11	16	18	21	1.1709	1	22	17	7.953	74	11	18.43	4	9004	SAN FERNAN	6874	6	VD	4037
	11	16	20	22	37.3878	1	19	8	37.432	41	3	29.43	4	9004	SAN FERNAN	6878	4	DU	3999
	11	16	20	22	41.3878	1	19	11	23.013	41	6	39.63	4	9004	SAN FERNAN	6878	5	DU	6551
	11	17	14	5	28.8130	1	19	43	25.084	66	23	32.74	4	9006	NAIN TAL	5403	5	LD	4054
	11	17	14	5	40.8134	1	20	1	6.013	66	44	37.44	4	9006	NAIN TAL	5403	8	LD	4797
	11	17	14	43	8.9732	1	8	23	19.907	-31	25	55.78	4	9003	WOOMERA	11510	4	PK	3896
	11	17	14	43	16.9730	1	8	27	41.568	-31	37	21.19	4	9003	WOOMERA	11510	6	PK	3897
	11	17	16	4	4.6508	3	19	53	4.478	61	51	39.24	4	9008	SHIRAZ	10113	5	DM	4430
	11	17	16	4	12.6510	3	20	3	11.532	62	1	14.48	4	9008	SHIRAZ	10113	7	DM	4431
	11	17	16	44	46.1832	1	5	55	18.713	-74	45	32.96	4	9003	WOOMERA	11512	5	BA	4573
	11	17	16	44	50.1832	1	6	6	4.592	-74	59	25.16	4	9003	WOOMERA	11512	7	BA	3899
	11	17	18	47	2.5148	1	1	26	37.803	-61	37	20.87	4	9003	WOOMERA	11514	3	DM	3900
	11	17	18	47	6.5148	1	1	26	38.132	-62	9	46.47	4	9003	WOOMERA	11514	4	DM	4574
	11	17	19	59	31.8869	1	20	6	26.533	43	59	25.42	4	9004	SAN FERNAN	6895	5	DU	4001
	11	17	19	59	39.8869	1	20	14	2.508	43	51	49.81	4	9004	SAN FERNAN	6895	7	DU	4002
	11	17	22	1	56.2724	1	20	27	28.572	10	28	37.09	4	9004	SAN FERNAN	6898	2	BA	4581
	11	17	22	2	4.2726	1	20	30	34.050	10	2	58.76	4	9004	SAN FERNAN	6898	3	BA	4004
	11	17	23	59	6.2300	1	2	10	8.019	79	30	50.61	4	9009	CURACAO	6314	5	LT	3928
	11	17	23	59	22.2299	1	2	23	45.574	77	52	54.84	4	9009	CURACAO	6314	7	LT	3929
	11	18	1	52	28.7925	1	21	10	27.922	69	22	40.80	4	9001	ORGAN PASS	8227	2	MY	3692
	11	18	1	52	36.7925	1	21	26	28.116	69	8	4.25	4	9001	ORGAN PASS	8227	6	MY	4559
	11	18	6	28	27.4522	1	0	1	15.088	-75	32	26.76	4	9007	AREQUIPA	7641	6	BN	4013
	11	18	13	41	48.8637	1	21	15	11.816	69	37	39.96	4	9006	NAIN TAL	5416	5	LD	4056
	11	18	13	42	3.3747	1	21	42	42.401	69	7	14.52	4	9006	NAIN TAL	5416	8	LD	4798
	11	18	15	39	59.3110	10	20	27	48.275	65	17	56.67	4	9008	SHIRAZ	10126	4	DM	7872
	11	18	15	40	15.3102	10	20	53	2.460	65	10	41.64	4	9008	SHIRAZ	10126	8	DM	7871
	11	18	18	24	41.2495	1	0	53	17.761	-81	54	30.03	4	9003	WOOMERA	11524	2	BA	3902
	11	18	19	35	27.7269	1	20	27	22.085	46	23	59.76	4	9004	SAN FERNAN	6916	3	DU	6552
	11	18	19	35	35.7268	1	20	36	1.561	46	8	27.70	4	9004	SAN FERNAN	6916	5	LD	4582
	11	18	19	35	47.7267	1	20	49	8.509	45	39	54.49	4	9004	SAN FERNAN	6916	8	LD	4583
	11	18	23	35	15.7378	1	2	53	14.563	73	50	23.75	4	9009	CURACAO	6321	5	HC	3930
	11	18	23	35	39.7373	1	3	0	20.217	71	9	34.45	4	9009	CURACAO	6321	8	HC	3931
	11	19	1	27	47.8963	1	21	4	30.904	71	42	35.52	4	9001	ORGAN PASS	8232	3	PL	3694
	11	19	1	32	16.3916	1	19	33	27.022	44	33	56.73	4	9010	JUPITER	7906	3	RO	8258

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	19	1	32	24.3923	1	19	38	47.746	44	30	37.08	4	9010	JUPITER	7906 4	RO	8259
	11	19	9	21	7.6238	1	21	28	24.483	54	51	48.89	4	9005	TOKYO	6880 6	DU	5272
	11	19	9	21	39.6243	1	22	10	41.099	52	13	41.88	4	9005	TOKYO	6880 14	PL	4644
	11	19	11	22	58.8638	1	20	8	8.205	16	30	55.21	4	9005	TOKYO	6885 4	DM	4645
	11	19	11	23	22.8645	1	20	19	43.200	15	8	23.70	4	9005	TOKYO	6885 7	DM	4646
	11	19	13	17	57.8893	1	22	49	16.815	68	57	48.49	4	9006	NAIN TAL	5422 5	VD	4058
	11	19	13	18	10.9031	1	23	10	25.372	67	37	26.00	4	9006	NAIN TAL	5422 8	VD	4059
	11	19	15	16	6.3795	3	21	41	20.093	66	58	3.02	4	9008	SHIRAZ	10142 10	YK	5269
	11	19	17	17	56.5921	3	19	56	46.548	23	43	50.06	4	9008	SHIRAZ	10145 4	BN	4341
	11	19	17	18	8.5925	3	20	2	20.675	23	9	38.25	4	9008	SHIRAZ	10145 7	BN	4342
	11	19	19	11	39.2452	1	21	14	24.016	47	14	41.80	4	9004	SAN FERNAN	6936 3	BA	4005
	11	19	19	11	47.2453	1	21	23	46.054	46	40	40.08	4	9004	SAN FERNAN	6936 5	BA	4006
	11	19	21	13	57.5990	1	20	26	2.667	9	47	49.39	4	9004	SAN FERNAN	6939 5	DM	4329
	11	19	21	14	5.5989	1	20	29	37.682	9	16	25.80	4	9004	SAN FERNAN	6939 7	DM	4330
	11	20	1	5	27.2104	1	0	35	51.743	57	21	29.52	4	9001	ORGAN PASS	8239 5	PL	3695
	11	20	1	5	33.2104	1	0	40	16.918	56	23	32.37	4	9001	ORGAN PASS	8239 8	PL	3696
	11	20	3	6	23.4317	1	20	0	1.689	30	24	52.44	4	9001	ORGAN PASS	8245 3	DM	3697
	11	20	12	54	13.9500	1	0	11	47.370	63	27	17.70	4	9006	NAIN TAL	5437 7	VD	4799
	11	20	12	54	21.7999	1	0	19	25.718	62	16	57.55	4	9006	NAIN TAL	5437 9	VD	4061
	11	20	17	34	37.7173	1	0	52	34.596	-75	40	31.00	4	9003	WOOMERA	11527 2	BA	3903
	11	20	17	34	45.7171	1	0	52	26.282	-76	54	35.29	4	9003	WOOMERA	11527 4	BA	3904
	11	20	20	50	30.4791	1	20	44	11.213	6	52	34.32	4	9004	SAN FERNAN	6944 10	HC	4331
	11	20	23	20	9.9271	1	0	13	56.374	-43	33	26.35	4	9002	OLIFANTS	9964 6	YK	3474
	11	20	23	20	17.9269	1	0	14	57.152	-44	39	40.00	4	9002	OLIFANTS	9964 7	YK	6548
	11	21	2	42	34.9308	1	20	19	43.426	31	7	51.99	4	9001	ORGAN PASS	8261 4	PL	4113
	11	21	2	42	44.9326	1	20	27	2.515	30	30	43.39	4	9001	ORGAN PASS	8261 9	PL	3699
	11	21	3	16	41.0377	1	7	42	22.099	-31	10	53.87	4	9011	VILLA DOLO	7448 5	HC	4042
	11	21	3	16	57.0373	1	7	51	3.302	-31	31	47.03	4	9011	VILLA DOLO	7448 7	HC	4043
	11	21	5	18	6.0765	10	4	56	21.451	-73	7	28.19	4	9011	VILLA DOLO	7450 3	HC	4044
	11	21	5	18	10.0775	10	5	6	8.152	-73	24	53.69	4	9011	VILLA DOLO	7450 4	HC	4045
	11	21	7	22	55.1454	1	0	49	33.430	-82	49	3.41	4	9011	VILLA DOLO	7453 4	PG	5315
	11	21	7	23	3.1455	1	0	45	56.141	-84	3	51.50	4	9011	VILLA DOLO	7453 5	PG	4653
	11	21	14	30	50.9169	3	1	27	4.007	36	13	21.77	4	9008	SHIRAZ	10173 10	BN	4343
	11	21	15	7	6.7875	1	7	19	39.419	-64	29	1.85	4	9003	WOOMERA	11535 6	PK	3905
	11	21	15	7	26.7870	1	7	49	6.856	-63	50	3.43	4	9003	WOOMERA	11535 11	PK	3906
	11	21	16	30	48.8276	3	20	34	20.514	21	53	39.87	4	9008	SHIRAZ	10176 5	BN	4344
	11	21	16	30	56.8278	3	20	39	7.886	21	15	37.80	4	9008	SHIRAZ	10176 7	BN	5313
	11	21	17	9	57.0577	1	0	47	13.591	-75	43	58.64	4	9003	WOOMERA	11537 5	VD	3907
	11	21	17	10	1.0577	1	0	47	38.516	-76	21	26.73	4	9003	WOOMERA	11537 6	VD	3908
	11	21	20	57	7.8368	1	7	8	50.085	-44	21	48.50	4	9002	OLIFANTS	9971 7	VD	4879
	11	21	20	57	23.8367	1	7	20	1.206	-44	31	45.70	4	9002	OLIFANTS	9971 9	VD	4560
	11	21	23	2	38.1819	1	11	27	3.200	-73	59	19.18	4	9002	OLIFANTS	9975 5	BN	3478
	11	22	0	25	5.7175	1	21	29	7.787	58	23	51.65	4	9009	CURACAO	6339 4	HC	3932
	11	22	0	25	13.7178	1	21	36	33.693	58	4	1.76	4	9009	CURACAO	6339 6	HC	3933
	11	22	2	19	30.6397	1	21	22	37.194	27	9	59.41	4	9001	ORGAN PASS	8276 4	BA	4311

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	22	2	19	38.6398	1	21	29	2.143	26	19	25.85	4	9001	ORGAN PASS	8276 8	BA	4312
	11	22	4	54	0.4611	1	6	16	8.560	-72	12	10.22	4	9011	VILLA DOLO	7461 4	HC	4654
	11	22	4	54	16.4609	1	6	53	37.552	-72	7	15.03	4	9011	VILLA DOLO	7461 6	HC	5316
	11	22	6	58	18.4514	1	0	43	14.228	-83	33	43.08	4	9011	VILLA DOLO	7463 6	BN	4656
	11	22	6	58	22.4513	1	0	42	23.836	-84	11	27.55	4	9011	VILLA DOLO	7463 7	BN	5317
	11	22	14	42	42.1005	1	7	21	49.767	-61	5	41.54	4	9003	WOOMERA	11547 6	VD	3909
	11	22	14	42	46.1005	1	7	27	2.300	-60	58	48.49	4	9003	WOOMERA	11547 7	VD	3910
	11	22	16	45	6.7725	1	0	41	38.561	-74	14	56.88	4	9003	WOOMERA	11549 5	PK	3911
	11	22	16	45	18.7722	1	0	44	24.068	-76	8	28.82	4	9003	WOOMERA	11549 8	PK	3912
	11	22	20	32	32.5710	1	6	52	45.371	-40	59	23.83	4	9002	OLIFANTS	9982 10	BA	3484
	11	22	20	32	56.5704	1	7	8	7.977	-41	23	29.07	4	9002	OLIFANTS	9982 13	BA	3485
	11	22	22	30	40.9659	1	23	57	2.184	-40	43	4.79	4	9002	OLIFANTS	9985 3	BA	3486
	11	22	22	30	48.9660	1	23	58	28.643	-41	52	31.37	4	9002	OLIFANTS	9985 4	BA	4561
	11	22	23	54	55.1243	1	19	35	22.092	57	45	28.25	4	9010	JUPITER	7915 5	RO	8260
	11	22	23	54	59.1245	1	19	39	55.983	57	43	20.43	4	9010	JUPITER	7915 6	RO	8261
	11	23	0	1	57.0437	1	22	58	11.411	55	52	15.44	4	9009	CURACAO	6350 4	HC	3934
	11	23	0	2	5.0437	1	23	5	31.537	55	6	37.87	4	9009	CURACAO	6350 6	HC	3935
	11	23	1	55	16.8470	1	21	36	50.200	28	12	41.26	4	9001	ORGAN PASS	8292 3	BA	4313
	11	23	1	55	20.8470	1	21	40	9.802	27	44	34.76	4	9001	ORGAN PASS	8292 5	BA	4314
	11	23	3	59	24.1274	1	21	12	54.124	-12	23	33.41	4	9001	ORGAN PASS	8297 7	BA	4315
	11	23	4	29	26.1063	1	6	16	49.665	-69	36	48.04	4	9011	VILLA DOLO	7473 6	PL	4774
	11	23	4	29	30.1062	1	6	25	6.735	-69	36	11.09	4	9011	VILLA DOLO	7473 7	PL	4212
	11	23	6	33	31.2664	1	0	41	40.426	-82	39	18.95	4	9011	VILLA DOLO	7476 6	HC	4775
	11	23	6	33	35.2663	1	0	42	19.089	-83	17	14.43	4	9011	VILLA DOLO	7476 7	HC	4776
	11	23	9	47	56.8317	1	21	16	52.183	10	32	5.12	4	9005	TOKYO	6892 8	DM	4647
	11	23	9	48	4.8329	1	21	22	7.118	9	40	18.70	4	9005	TOKYO	6892 10	DM	4648
	11	23	16	19	58.8028	1	0	31	4.216	-69	53	58.83	4	9003	WOOMERA	11559 4	HC	3706
	11	23	16	20	6.8025	1	0	33	5.209	-71	9	47.98	4	9003	WOOMERA	11559 6	HC	3707
	11	23	23	37	41.2268	1	23	27	29.263	56	9	41.81	4	9009	CURACAO	6353 5	DU	3936
	11	23	23	37	57.2276	1	23	41	6.858	54	18	52.85	4	9009	CURACAO	6353 9	DU	3937
	11	24	1	41	2.8687	1	21	1	3.507	5	36	12.46	4	9009	CURACAO	6358 6	DU	3938
	11	24	4	3	29.9241	1	3	47	23.097	-62	34	16.84	4	9011	VILLA DOLO	7485 4	MY	4198
	11	24	4	3	41.9236	1	4	6	46.218	-63	45	26.31	4	9011	VILLA DOLO	7485 7	MY	4199
	11	24	13	52	38.0449	1	5	50	42.163	-54	32	33.47	4	9003	WOOMERA	11569 13	BA	3482
	11	24	13	52	42.0449	1	5	55	38.225	-54	37	25.45	4	9003	WOOMERA	11569 15	BA	3483
	11	24	15	55	30.8175	1	0	31	29.752	-71	48	21.09	4	9003	WOOMERA	11571 4	BN	3913
	11	24	15	55	50.8169	1	0	40	43.972	-75	0	19.62	4	9003	WOOMERA	11571 9	BN	3914
	11	24	18	2	52.9325	1	13	29	33.677	-85	30	6.47	4	9003	WOOMERA	11574 2	BN	3915
	11	24	18	3	4.9322	1	13	21	40.414	-83	38	24.07	4	9003	WOOMERA	11574 5	BN	3916
	11	24	19	14	3.4401	1	21	7	36.246	5	11	15.08	4	9004	SAN FERNAN	6974 8	HC	4332
	11	24	21	39	17.3706	1	23	19	24.516	-21	42	44.30	4	9002	OLIFANTS	10001 6	LD	4880
	11	24	23	14	54.5843	1	0	52	55.737	42	37	0.63	4	9009	CURACAO	6367 4	DU	3939
	11	24	23	15	2.5845	1	0	57	8.054	41	21	39.92	4	9009	CURACAO	6367 6	DU	3940
	11	24	23	50	15.1311	1	22	26	45.659	-76	46	28.98	4	9002	OLIFANTS	10003 4	DM	7076
	11	24	23	50	23.1312	1	22	18	54.019	-77	40	59.04	4	9002	OLIFANTS	10003 5	DM	5785

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	25	1	18	46.5857	1	21	41	16.623	- 7	39	38.82	4	9009	CURACAO	6375	4	MY	3941
	11	25	1	18	54.5858	1	21	44	20.198	- 8	40	49.59	4	9009	CURACAO	6375	6	BA	5788
	11	25	1	36	38.8297	10	5	42	27.611	-16	2	45.94	4	9011	VILLA DOLO	7494	5	DM	4200
	11	25	1	36	46.8285	10	5	46	25.918	-16	34	23.62	4	9011	VILLA DOLO	7494	6	DM	4201
	11	25	1	56	7.1571	1	23	54	41.432	-82	21	23.69	4	9002	OLIFANTS	10008	3	LD	3490
	11	25	1	56	23.1572	1	23	28	17.915	-84	14	36.27	4	9002	OLIFANTS	10008	5	LD	3491
	11	25	2	1	54.2283	1	13	53	14.350	-49	16	34.92	4	9002	OLIFANTS	10009	3	LD	3492
	11	25	2	2	2.2284	1	13	53	29.000	-48	14	55.99	4	9002	OLIFANTS	10009	4	LD	3493
	11	25	7	50	55.0958	10	12	2	42.126	-79	22	53.94	4	9011	VILLA DOLO	7502	7	MY	4202
	11	25	15	30	24.5828	1	0	18	58.085	-67	31	24.48	4	9003	WOOMERA	11586	6	BN	3917
	11	25	15	30	32.5826	1	0	22	6.953	-68	48	37.42	4	9003	WOOMERA	11586	8	BN	5304
	11	25	17	37	41.7612	1	19	5	48.122	-89	3	2.42	4	9003	WOOMERA	11591	4	YK	3919
	11	25	17	38	1.7607	1	13	53	41.518	-86	53	1.53	4	9003	WOOMERA	11591	9	YK	5305
	11	25	18	49	31.5391	1	21	3	13.939	7	15	27.73	4	9004	SAN FERNAN	6985	8	HC	4767
	11	25	23	24	38.1926	1	22	47	22.459	-70	24	28.21	4	9002	OLIFANTS	10018	3	VD	3494
	11	25	23	24	46.1923	1	22	44	26.803	-71	22	33.54	4	9002	OLIFANTS	10018	4	VD	3495
	11	25	23	27	0.9010	1	18	22	58.430	-84	33	58.86	4	9002	OLIFANTS	10019	4	VD	3496
	11	25	23	27	16.9014	1	16	59	10.503	-84	23	0.74	4	9002	OLIFANTS	10019	6	VD	4563
	11	26	1	31	45.5741	1	22	31	42.014	-84	29	26.74	4	9002	OLIFANTS	10024	5	PK	4564
	11	26	1	32	1.5744	1	21	20	53.172	-85	57	26.80	4	9002	OLIFANTS	10024	7	PK	3499
	11	26	1	36	31.1288	1	13	41	11.100	-55	14	49.43	4	9002	OLIFANTS	10025	3	GL	3708
	11	26	1	37	3.1295	1	13	41	12.969	-51	7	38.58	4	9002	OLIFANTS	10025	7	GL	3709
	11	26	10	56	0.8459	1	3	31	24.164	15	53	43.54	4	9003	WOOMERA	11594	6	MW	5306
	11	26	10	56	20.8458	1	3	39	16.829	14	1	36.77	4	9003	WOOMERA	11594	11	MW	3921
	11	26	12	59	45.1635	1	1	58	22.188	-23	57	20.16	4	9003	WOOMERA	11598	3	HC	5786
	11	26	13	0	5.1630	1	2	13	33.974	-27	4	42.90	4	9003	WOOMERA	11598	13	HC	5787
	11	26	15	5	28.5829	1	0	9	44.531	-64	45	21.69	4	9003	WOOMERA	11601	3	MW	4575
	11	26	15	5	40.5825	1	0	14	50.163	-66	42	3.41	4	9003	WOOMERA	11601	6	MW	3923
	11	26	17	13	1.1962	1	18	7	30.728	-88	47	38.98	4	9003	WOOMERA	11604	3	MW	6550
	11	26	17	13	13.1957	3	14	34	44.586	-87	43	53.45	4	9003	WOOMERA	11604	6	MW	5033
	11	26	18	24	35.0794	1	20	43	6.215	12	11	10.34	4	9004	SAN FERNAN	6996	4	HC	5312
	11	26	20	47	53.7253	1	22	39	37.595	- 4	46	8.54	4	9002	OLIFANTS	10031	6	GL	4115
	11	26	20	48	25.7260	1	22	45	15.497	- 7	52	2.45	4	9002	OLIFANTS	10031	10	GL	4116
	11	26	22	59	31.0129	1	22	43	15.764	-67	24	42.18	4	9002	OLIFANTS	10034	3	MY	3712
	11	26	22	59	55.0133	1	22	37	7.278	-70	22	20.02	4	9002	OLIFANTS	10034	6	MY	4565
	11	26	23	2	34.8836	1	16	31	14.637	-84	49	26.04	4	9002	OLIFANTS	10035	4	MY	3714
	11	26	23	2	50.8839	1	15	19	9.265	-83	52	6.82	4	9002	OLIFANTS	10035	6	MY	3715
	11	27	0	30	3.8065	1	21	44	53.992	- 6	53	12.29	4	9009	CURACAO	6393	3	BA	3942
	11	27	0	30	23.8064	1	21	54	7.455	- 9	44	22.01	4	9009	CURACAO	6393	8	BA	4591
	11	27	1	7	4.4801	1	21	48	42.891	-84	17	55.48	4	9002	OLIFANTS	10042	5	MY	4566
	11	27	1	7	12.4802	1	21	16	37.457	-84	59	32.03	4	9002	OLIFANTS	10042	6	MY	6549
	11	27	2	47	38.8742	1	1	42	56.638	-37	59	9.75	4	9011	VILLA DOLO	7512	5	DM	4203
	11	27	14	40	41.3141	1	0	3	57.516	-63	16	37.07	4	9003	WOOMERA	11616	6	RO	3926
	11	27	14	40	53.3138	1	0	9	42.603	-65	14	15.16	4	9003	WOOMERA	11616	9	RO	4578
	11	27	16	48	36.0809	1	14	0	6.373	-87	1	25.40	4	9003	WOOMERA	11621	4	PK	3981

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	27	16	48	56.0804	1	13	6	31.885	-84	9	35.72	4	9003	WOOMERA	11621	9	PK	3982
	11	27	22	34	16.9426	1	22	37	29.177	-63	28	4.15	4	9002	OLIFANTS	10054	4	HC	4117
	11	27	22	34	56.9438	1	22	31	21.438	-68	28	21.26	4	9002	OLIFANTS	10054	9	HC	3719
	11	27	22	38	11.7486	1	14	33	45.936	-83	58	0.67	4	9002	OLIFANTS	10055	6	HC	3720
	11	27	22	38	19.7495	1	14	9	54.387	-83	13	38.32	4	9002	OLIFANTS	10055	7	HC	3721
	11	28	1	56	48.8510	1	20	30	27.901	- 7	30	17.66	4	9001	ORGAN PASS	8351	7	HC	4316
	11	28	2	22	37.9456	1	1	25	38.295	-31	22	28.90	4	9011	VILLA DOLO	7516	8	DM	4772
	11	28	4	29	3.3356	1	0	6	37.573	-72	25	12.85	4	9011	VILLA DOLO	7518	5	DM	4205
	11	28	4	29	15.3354	1	0	14	2.606	-74	20	30.28	4	9011	VILLA DOLO	7518	8	DM	4206
	11	28	6	35	49.1863	1	6	40	37.722	-89	1	38.10	4	9011	VILLA DOLO	7520	2	PL	4887
	11	28	6	36	9.1862	1	11	10	51.648	-86	34	12.25	4	9011	VILLA DOLO	7520	7	PL	4773
	11	28	12	10	29.6215	1	1	56	37.372	-17	1	51.35	4	9003	WOOMERA	11628	4	YK	3983
	11	28	12	10	51.6212	1	2	12	53.075	-20	13	32.76	4	9003	WOOMERA	11628	15	YK	3984
	11	28	13	46	33.2781	1	20	32	10.514	-11	43	40.09	4	9006	NAIN TAL	5547	6	MY	4062
	11	28	13	46	37.2782	1	20	33	52.111	-12	8	7.30	4	9006	NAIN TAL	5547	7	MY	4063
	11	28	14	15	43.0442	1	23	53	14.459	-59	51	22.58	4	9003	WOOMERA	11631	4	YK	3985
	11	28	14	15	59.0438	1	0	1	0.535	-62	29	10.27	4	9003	WOOMERA	11631	8	YK	3986
	11	28	16	23	18.6271	1	22	0	42.054	-86	57	33.40	4	9003	WOOMERA	11635	5	YK	3987
	11	28	16	23	26.6269	1	20	57	49.629	-87	56	21.12	4	9003	WOOMERA	11635	7	LT	5308
	11	28	18	29	55.1383	1	10	0	1.612	-71	51	36.73	4	9003	WOOMERA	11640	4	BN	3726
	11	28	23	41	1.3801	1	21	47	58.136	- 2	39	35.66	4	9009	CURACAO	6421	5	BA	3944
	11	28	23	41	13.3803	1	21	54	21.198	- 4	30	27.17	4	9009	CURACAO	6421	8	BA	3945
	11	29	1	31	52.5393	1	20	11	50.947	- 3	34	58.01	4	9001	ORGAN PASS	8366	7	HC	4318
	11	29	11	45	50.1224	1	1	53	28.101	-13	17	57.76	4	9003	WOOMERA	11645	5	YK	3989
	11	29	11	45	58.1223	1	1	59	6.526	-14	25	31.86	4	9003	WOOMERA	11645	9	YK	3990
	11	29	13	21	49.3714	1	20	20	10.229	- 9	17	52.37	4	9006	NAIN TAL	5564	3	PL	4209
	11	29	13	21	57.3715	1	20	23	46.126	-10	8	23.63	4	9006	NAIN TAL	5564	5	PL	4210
	11	29	15	58	42.5876	1	21	2	50.615	-87	45	15.32	4	9003	WOOMERA	11651	4	LT	4579
	11	29	15	59	6.5873	1	14	8	1.751	-87	41	18.33	4	9003	WOOMERA	11651	10	LT	5309
	11	29	18	5	22.7834	1	10	16	57.021	-71	50	46.04	4	9003	WOOMERA	11655	10	YK	3993
	11	29	18	5	24.7834	1	10	19	42.237	-71	31	57.81	4	9003	WOOMERA	11655	11	YK	3994
	11	29	23	16	21.7263	1	21	47	29.612	1	8	53.97	4	9009	CURACAO	6435	6	PG	4649
	11	29	23	16	23.7263	1	21	48	37.063	0	49	55.43	4	9009	CURACAO	6435	7	PG	4650
	11	30	1	34	0.6046	1	1	56	2.347	-30	49	6.85	4	9011	VILLA DOLO	7531	6	BN	4017
	11	30	3	38	52.4629	1	23	36	33.974	-63	56	47.46	4	9011	VILLA DOLO	7533	5	VD	4018
	11	30	3	39	0.4630	1	23	40	16.939	-65	14	30.84	4	9011	VILLA DOLO	7533	7	VD	4885
	11	30	5	46	26.6305	1	9	20	56.360	-89	34	49.46	4	9011	VILLA DOLO	7535	2	LT	6406
	11	30	5	46	46.6305	1	11	28	46.346	-86	31	22.83	4	9011	VILLA DOLO	7535	7	LT	5319
	11	30	7	53	21.5849	1	9	53	11.912	-59	5	8.08	4	9011	VILLA DOLO	7540	8	LT	4022
	11	30	7	53	25.5848	1	9	57	37.818	-58	25	0.36	4	9011	VILLA DOLO	7540	9	LT	4023
	11	30	11	21	22.4474	1	1	57	38.881	-11	15	48.34	4	9003	WOOMERA	11658	5	DM	3995
	11	30	11	21	24.4474	1	1	59	1.509	-11	32	2.19	4	9003	WOOMERA	11658	6	DM	3996
	11	30	12	57	54.3862	1	20	31	47.850	-11	58	44.18	4	9006	NAIN TAL	5578	9	MY	4064
	11	30	13	26	54.8542	1	0	12	28.614	-63	47	2.99	4	9003	WOOMERA	11661	16	DM	4580
	11	30	13	26	56.8543	1	0	14	8.270	-64	6	27.07	4	9003	WOOMERA	11661	17	DM	4881

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	30	22	57	58.7290	1	1	7	11.067	-40	39	25.39	4	9009	CURACAO	6444 4	PG	4651
	11	30	22	58	6.7290	1	1	10	48.884	-41	9	3.94	4	9009	CURACAO	6444 5	PG	5314
	12	1	1	8	37.0722	1	1	18	53.909	-20	38	11.38	4	9011	VILLA DOLO	7543 5	SS	7404
	12	1	1	8	41.0719	1	1	21	50.013	-21	13	45.18	4	9011	VILLA DOLO	7543 6	SS	7405
	12	1	23	5	16.9942	1	13	31	43.653	-78	42	46.97	4	9002	OLIFANTS	10069 7	LE	6656
	12	2	1	7	12.1468	1	1	37	7.944	-71	14	58.55	4	9002	OLIFANTS	10078 3	LE	6657
	12	2	1	7	28.1469	1	1	48	57.611	-72	52	56.06	4	9002	OLIFANTS	10078 5	LE	7886
	12	2	14	43	24.6122	1	22	29	50.327	-77	43	24.14	4	9003	WOOMERA	11669 2	SS	6687
	12	2	14	43	32.6121	1	22	28	53.456	-78	54	2.57	4	9003	WOOMERA	11669 4	SS	6688
	12	2	16	50	54.9591	1	9	54	12.102	-78	4	39.20	4	9003	WOOMERA	11673 31	SS	6689
	12	2	20	27	36.9260	1	21	39	44.570	-38	44	10.57	4	9002	OLIFANTS	10086 5	LE	6659
	12	2	20	27	52.9266	1	21	41	2.659	-40	35	43.51	4	9002	OLIFANTS	10086 7	LE	6660
	12	2	20	35	26.5118	1	10	16	43.659	-78	57	3.28	4	9002	OLIFANTS	10087 5	HB	6661
	12	2	20	35	42.5117	1	10	17	52.757	-77	3	33.16	4	9002	OLIFANTS	10087 7	HB	6662
	12	3	0	42	32.2115	1	1	6	27.517	-72	25	29.10	4	9002	OLIFANTS	10092 4	HB	6663
	12	3	0	42	56.2120	1	1	23	28.141	-74	59	41.60	4	9002	OLIFANTS	10092 7	HB	6664
	12	3	0	51	51.3394	1	12	19	9.721	-22	36	29.49	4	9002	OLIFANTS	10094 3	NG	6665
	12	3	0	52	15.3402	1	12	22	34.553	-19	47	27.86	4	9002	OLIFANTS	10094 6	NG	6666
	12	3	14	18	55.5905	1	22	20	56.546	-79	43	31.37	4	9003	WOOMERA	11681 2	WS	6737
	12	3	14	19	3.5900	1	22	20	26.554	-80	55	6.88	4	9003	WOOMERA	11681 4	WS	6738
	12	3	16	26	17.8408	1	10	5	15.825	-77	54	14.03	4	9003	WOOMERA	11684 4	KA	6380
	12	3	16	26	41.8408	1	10	28	34.497	-74	3	54.97	4	9003	WOOMERA	11684 10	KA	6381
	12	3	18	6	17.2297	1	5	34	12.294	-52	28	3.23	4	9002	OLIFANTS	10097 9	NG	6667
	12	3	18	6	25.2297	1	5	39	52.281	-52	17	6.55	4	9002	OLIFANTS	10097 10	NG	6668
	12	3	18	32	11.7478	1	8	11	24.178	-35	10	0.33	4	9003	WOOMERA	11689 6	KA	6382
	12	3	18	32	21.7476	1	8	21	3.572	-33	36	49.80	4	9003	WOOMERA	11689 11	KA	6383
	12	3	20	2	17.5762	1	21	25	15.167	-33	38	59.40	4	9002	OLIFANTS	10102 6	SS	6669
	12	3	20	2	41.5765	1	21	27	31.998	-36	22	21.73	4	9002	OLIFANTS	10102 9	SS	6670
	12	3	20	10	37.4558	1	9	35	53.914	-79	24	27.14	4	9002	OLIFANTS	10103 4	SS	6671
	12	3	20	11	9.4555	1	9	45	0.211	-75	38	42.51	4	9002	OLIFANTS	10103 8	SS	7111
	12	4	0	18	13.8570	1	0	48	23.426	-75	51	22.36	4	9002	OLIFANTS	10110 6	SS	7112
	12	4	0	18	21.8570	1	0	54	24.837	-76	45	26.56	4	9002	OLIFANTS	10110 7	SS	6674
	12	4	0	27	17.5973	1	12	9	3.193	-23	31	41.59	4	9002	OLIFANTS	10111 3	BZ	8296
	12	4	0	27	41.5975	1	12	12	6.441	-20	48	31.77	4	9002	OLIFANTS	10111 6	PB	6379
	12	4	13	53	25.3092	1	22	11	25.602	-72	38	2.44	4	9003	WOOMERA	11694 5	PB	6384
	12	4	13	53	37.3089	1	22	12	28.855	-74	24	11.54	4	9003	WOOMERA	11694 8	PB	6385
	12	4	16	1	38.0069	1	10	9	54.430	-77	58	37.92	4	9003	WOOMERA	11697 3	BZ	6386
	12	4	16	1	54.0065	1	10	23	1.376	-75	25	30.64	4	9003	WOOMERA	11697 7	BZ	6387
	12	4	18	5	59.5967	1	6	21	12.271	-50	10	33.76	4	9003	WOOMERA	11703 4	BZ	6388
	12	4	18	6	7.5964	1	6	31	12.568	-49	34	9.07	4	9003	WOOMERA	11703 8	BZ	6389
	12	4	19	37	6.7855	1	21	11	9.743	-29	26	22.07	4	9002	OLIFANTS	10119 8	TJ	6363
	12	4	19	37	14.7862	1	21	12	0.972	-30	19	0.62	4	9002	OLIFANTS	10119 9	TJ	7887
	12	4	19	46	59.7061	1	9	21	0.542	-71	36	11.16	4	9002	OLIFANTS	10121 3	BZ	6364
	12	4	19	47	15.7064	1	9	24	52.449	-69	54	45.20	4	9002	OLIFANTS	10121 5	TJ	7888
	12	4	23	53	31.9499	1	0	13	24.054	-76	36	44.43	4	9002	OLIFANTS	10127 3	BZ	7113

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	4	23	53	39.9499	1	0	18	9.306	-77	32	24.65	4	9002	OLIFANTS	10127 4	BZ	6366
	12	5	11	23	5.3010	1	23	56	48.497	-51	36	49.96	4	9003	WOOMERA	11706 5	FI	6390
	12	5	11	23	17.3008	1	0	8	13.051	-53	27	39.49	4	9003	WOOMERA	11706 11	FI	6391
	12	5	13	28	54.4138	1	22	5	14.471	-74	17	35.57	4	9003	WOOMERA	11708 3	BZ	6392
	12	5	13	29	10.4134	1	22	8	19.770	-76	41	29.51	4	9003	WOOMERA	11708 7	BZ	6393
	12	5	15	36	23.2119	1	9	28	31.735	-83	18	30.69	4	9003	WOOMERA	11711 4	BZ	6394
	12	5	15	36	47.2114	1	10	2	52.493	-79	38	36.31	4	9003	WOOMERA	11711 10	TJ	6395
	12	5	17	42	29.0472	1	7	40	55.861	-46	49	42.60	4	9003	WOOMERA	11716 7	KA	7109
	12	5	17	42	43.0469	1	7	56	30.033	-44	47	41.06	4	9003	WOOMERA	11716 14	KA	6655
	12	6	1	58	48.5541	1	13	50	59.678	-12	41	9.08	4	9008	SHIRAZ	10358 4	WS	7385
	12	6	15	41	12.4026	1	12	35	36.970	-19	23	20.72	4	9012	MAUI	8384 3	FI	7266
	12	6	15	41	18.4025	1	12	38	39.269	-18	34	25.62	4	9012	MAUI	8384 6	FI	7267
	12	6	18	57	16.1335	1	8	10	29.682	-72	21	39.00	4	9002	OLIFANTS	10138 7	TJ	2038
	12	6	18	57	24.1332	1	8	14	31.424	-71	31	47.64	4	9002	OLIFANTS	10138 8	TJ	6367
	12	6	20	59	38.6154	1	18	56	19.461	-82	1	23.84	4	9002	OLIFANTS	10141 7	BZ	6368
	12	6	20	59	54.6152	1	18	8	45.530	-83	15	37.97	4	9002	OLIFANTS	10141 9	LE	6369
	12	6	23	12	25.4003	1	11	28	35.294	-33	34	33.01	4	9002	OLIFANTS	10145 5	LE	6370
	12	6	23	12	41.4006	1	11	30	4.223	-31	43	0.46	4	9002	OLIFANTS	10145 7	LE	6371
	12	6	23	35	46.9338	1	13	44	7.102	-15	22	48.34	4	9006	NAIN TAL	5649 7	CB	7659
	12	6	23	35	54.9344	1	13	47	3.447	-14	36	30.19	4	9006	NAIN TAL	5649 8	CB	7660
	12	7	0	45	20.0654	1	22	54	18.239	-49	38	1.50	4	9011	VILLA DOLO	7553 4	SS	7406
	12	7	0	45	32.0652	1	23	2	40.557	-51	37	13.06	4	9011	VILLA DOLO	7553 7	SS	7926
	12	7	9	10	13.3221	1	6	36	7.162	-19	39	15.68	4	9007	AREQUIPA	7784 3	SS	7181
	12	7	9	10	33.3218	1	6	48	29.782	-17	3	44.32	4	9007	AREQUIPA	7784 8	SS	7182
	12	7	14	46	55.1243	1	9	39	34.693	-84	12	57.27	4	9003	WOOMERA	11738 6	WS	6739
	12	7	14	46	59.0394	1	9	44	17.100	-83	37	18.40	4	9003	WOOMERA	11738 7	WS	6740
	12	7	16	53	28.7457	1	8	0	23.553	-50	45	7.10	4	9003	WOOMERA	11742 2	BZ	6741
	12	7	16	53	38.7456	1	8	10	48.046	-49	7	35.22	4	9003	WOOMERA	11742 7	BZ	6742
	12	7	22	39	46.2778	1	22	29	53.538	-80	32	26.36	4	9002	OLIFANTS	10157 4	SS	7565
	12	7	22	40	10.2780	1	22	28	19.395	-83	31	3.08	4	9002	OLIFANTS	10157 7	SS	7566
	12	7	22	46	40.2113	1	11	11	15.197	-42	23	36.08	4	9002	OLIFANTS	10158 6	SY	7567
	12	7	22	47	4.2109	1	11	13	9.195	-39	25	11.73	4	9002	OLIFANTS	10158 9	SY	7568
	12	8	0	22	29.3752	1	0	51	22.076	-63	36	41.13	4	9011	VILLA DOLO	7561 7	SS	7407
	12	8	0	22	49.3748	1	1	23	38.408	-65	27	44.96	4	9011	VILLA DOLO	7561 12	SS	7408
	12	8	8	48	42.1992	1	8	36	0.902	5	45	4.66	4	9007	AREQUIPA	7787 3	SS	7179
	12	8	8	48	54.1990	1	8	43	48.210	7	50	20.80	4	9007	AREQUIPA	7787 6	SS	7180
	12	8	12	14	20.7541	1	21	41	38.289	-69	56	26.35	4	9003	WOOMERA	11754 2	BZ	6743
	12	8	12	14	24.7540	1	21	43	5.921	-70	33	3.50	4	9003	WOOMERA	11754 3	BZ	6744
	12	8	14	22	17.2827	1	9	47	31.935	-83	34	41.74	4	9003	WOOMERA	11757 3	BZ	6745
	12	8	14	22	37.2824	1	9	56	37.878	-80	31	29.68	4	9003	WOOMERA	11757 8	BZ	6746
	12	8	16	28	56.7731	1	8	8	43.296	-52	13	34.98	4	9003	WOOMERA	11761 9	SC	6747
	12	8	17	56	45.9503	1	20	15	39.948	-13	54	57.60	4	9002	OLIFANTS	10167 6	SY	7569
	12	8	17	57	1.9503	1	20	18	2.717	-15	31	23.93	4	9002	OLIFANTS	10167 10	SY	7570
	12	8	18	8	4.5322	1	7	14	46.626	-69	12	6.31	4	9002	OLIFANTS	10168 5	HB	7571
	12	8	18	8	20.5325	1	7	23	37.279	-67	42	41.07	4	9002	OLIFANTS	10168 9	HB	7572

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	8	18	33	26.5295	1	6	22	44.382	4	18	51.03	4	9003	WOOMERA	11766 6	SC	6748
	12	8	18	33	46.5289	1	6	34	2.621	6	44	44.44	4	9003	WOOMERA	11766 11	SC	6749
	12	9	2	2	11.6459	1	21	37	48.699	-73	6	43.24	4	9011	VILLA DOLO	7565 2	NG	7409
	12	9	2	2	27.6455	1	21	43	19.125	-75	31	44.69	4	9011	VILLA DOLO	7565 6	NG	7410
	12	9	4	9	39.2034	1	7	38	28.094	-82	57	47.62	4	9011	VILLA DOLO	7567 3	NG	7411
	12	9	4	9	43.2033	1	7	51	12.442	-82	26	29.75	4	9011	VILLA DOLO	7567 4	NG	7412
	12	9	6	14	55.9018	1	5	47	13.151	-48	37	51.67	4	9011	VILLA DOLO	7574 3	NG	7413
	12	9	6	15	3.9014	1	5	57	0.601	-47	52	42.21	4	9011	VILLA DOLO	7574 5	NG	7414
	12	9	8	31	19.3138	1	12	1	39.224	-21	49	15.84	4	9009	CURACAO	6499 3	NG	6867
	12	9	8	31	27.3141	1	12	5	5.807	-20	40	10.06	4	9009	CURACAO	6499 5	NG	6868
	12	9	11	49	19.4133	1	21	30	2.761	-66	47	17.80	4	9003	WOOMERA	11768 4	SC	6750
	12	9	11	49	23.4131	1	21	31	31.094	-67	24	15.26	4	9003	WOOMERA	11768 5	SC	6751
	12	9	13	56	48.5573	1	23	30	59.247	-89	24	48.92	4	9003	WOOMERA	11771 3	TJ	7905
	12	9	13	56	52.5571	1	4	50	58.342	-89	44	51.71	4	9003	WOOMERA	11771 4	TJ	9795
	12	9	14	27	35.1448	1	12	21	15.757	-23	22	48.91	4	9012	MAUI	8400 4	FI	7930
	12	9	14	27	43.1446	1	12	24	31.158	-22	25	11.28	4	9012	MAUI	8400 6	FI	7269
	12	9	16	3	34.2544	1	7	20	14.427	-61	12	22.28	4	9003	WOOMERA	11774 4	TJ	6754
	12	9	19	44	0.1473	1	19	58	20.863	-72	54	37.13	4	9002	OLIFANTS	10180 10	SE	6675
	12	9	21	56	25.4876	1	10	44	39.393	-50	16	34.44	4	9002	OLIFANTS	10185 7	SE	6676
	12	10	0	24	56.5298	1	11	58	53.362	8	22	19.46	4	9006	NAIN TAL	5685 7	CB	7661
	12	10	0	25	4.5302	1	12	4	53.898	9	35	41.77	4	9006	NAIN TAL	5685 9	CB	7662
	12	10	2	8	43.4758	1	8	25	17.065	41	16	21.13	4	9002	OLIFANTS	10197 15	SE	8294
	12	10	6	20	10.2030	1	11	50	52.740	- 3	4	41.04	4	9004	SAN FERNAN	7073 4	SE	7174
	12	10	12	12	0.6634	1	12	27	32.176	- 7	24	41.81	4	9001	ORGAN PASS	8509 3	BZ	6643
	12	10	12	12	4.6612	1	12	29	52.428	- 6	55	41.82	4	9001	ORGAN PASS	8509 5	BZ	6644
	12	10	20	5	24.7683	1	12	16	31.249	- 5	21	34.45	4	9005	TOKYO	7060 3	TJ	6630
	12	10	20	5	52.7680	1	12	34	11.806	- 2	3	36.74	4	9005	TOKYO	7060 10	TJ	6631
	12	10	21	30	51.3920	1	10	31	45.588	-57	20	8.04	4	9002	OLIFANTS	10200 5	SE	7114
	12	10	21	30	59.3921	1	10	31	47.055	-56	18	48.24	4	9002	OLIFANTS	10200 6	SE	7891
	12	11	0	0	2.9868	1	11	43	1.243	1	58	19.45	4	9006	NAIN TAL	5698 4	HB	7663
	12	11	0	0	10.9876	1	11	48	38.558	3	9	31.43	4	9006	NAIN TAL	5698 5	HB	7664
	12	11	1	58	50.2562	1	11	38	59.310	8	33	38.91	4	9008	SHIRAZ	10380 4	KA	7383
	12	11	1	58	56.2563	1	11	43	30.338	9	29	18.75	4	9008	SHIRAZ	10380 7	KA	7384
	12	11	5	56	18.0853	1	12	13	37.447	- 0	34	42.78	4	9004	SAN FERNAN	7083 3	SE	6855
	12	11	5	56	34.0850	1	12	24	27.686	1	21	35.02	4	9004	SAN FERNAN	7083 7	SE	6856
	12	11	7	33	35.6639	1	7	53	17.077	-21	50	36.37	4	9007	AREQUIPA	7800 4	PB	7176
	12	11	7	33	51.6633	1	8	5	6.575	-18	52	28.46	4	9007	AREQUIPA	7800 8	PB	7177
	12	11	11	0	19.0330	1	21	36	58.989	-69	48	42.63	4	9003	WOOMERA	11798 7	FI	7902
	12	11	11	0	23.0329	1	21	39	51.047	-70	25	47.03	4	9003	WOOMERA	11798 8	FI	7903
	12	11	15	13	58.6520	1	7	3	23.510	-67	16	22.52	4	9003	WOOMERA	11806 2	FI	7904
	12	11	15	14	6.6517	1	7	14	57.429	-66	9	28.83	4	9003	WOOMERA	11806 6	FI	6758
	12	11	19	41	16.7160	1	12	25	16.435	- 4	39	42.47	4	9005	TOKYO	7072 4	TJ	6628
	12	11	19	41	32.7163	1	12	34	57.681	- 2	50	45.78	4	9005	TOKYO	7072 8	TJ	6629
	12	11	23	35	15.1297	1	11	31	13.226	- 3	9	44.17	4	9006	NAIN TAL	5706 3	KA	7665
	12	11	23	35	27.1300	1	11	39	11.411	- 1	27	23.19	4	9006	NAIN TAL	5706 6	KA	7666

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	12	2	55	16.6478	1	7	4	20.763	-86	4	33.88	4	9011	VILLA DOLO	7598	4	LE	7927
	12	12	2	55	24.6478	1	7	38	25.168	-85	0	18.39	4	9011	VILLA DOLO	7598	6	LE	7928
	12	12	5	1	18.9508	1	6	4	27.697	-56	56	37.33	4	9011	VILLA DOLO	7602	3	LE	7417
	12	12	5	1	30.9502	1	6	20	27.149	-55	27	37.43	4	9011	VILLA DOLO	7602	6	LE	7418
	12	12	9	22	56.3421	1	11	57	50.205	-12	42	13.13	4	9010	JUPITER	8040	6	KA	6721
	12	12	12	42	17.7900	1	20	35	41.460	-86	24	37.23	4	9003	WOOMERA	11821	5	FI	8297
	12	12	12	42	33.7896	1	19	48	42.446	-88	41	45.69	4	9003	WOOMERA	11821	9	FI	7907
	12	12	14	49	29.3768	1	7	22	12.155	-67	10	20.44	4	9003	WOOMERA	11823	4	FI	6761
	12	12	14	49	35.3766	1	7	29	39.042	-66	15	44.02	4	9003	WOOMERA	11823	7	FI	7915
	12	12	19	16	39.1727	1	12	14	54.883	- 7	12	50.22	4	9005	TOKYO	7080	3	SE	6632
	12	12	19	17	7.1730	1	12	30	58.806	- 4	8	30.72	4	9005	TOKYO	7080	10	SE	6633
	12	13	0	24	40.3064	1	23	41	41.358	-83	18	11.54	4	9011	VILLA DOLO	7613	3	LE	7419
	12	13	0	24	56.3059	1	1	6	51.622	-84	31	22.95	4	9011	VILLA DOLO	7613	7	LE	7420
	12	13	2	30	43.6507	1	7	48	44.551	-84	55	7.07	4	9011	VILLA DOLO	7615	3	SS	8262
	12	13	2	30	59.6505	1	8	16	54.770	-82	32	48.65	4	9011	VILLA DOLO	7615	7	SS	7935
	12	13	5	7	6.8060	1	11	57	54.711	- 5	47	59.32	4	9004	SAN FERNAN	7091	4	NG	7379
	12	13	5	7	26.8060	1	12	10	11.557	- 3	32	18.97	4	9004	SAN FERNAN	7091	9	NG	7380
	12	13	6	39	7.7550	1	3	48	37.866	-14	41	56.10	4	9011	VILLA DOLO	7623	4	SS	6859
	12	13	6	39	11.7548	1	3	50	45.892	-14	22	46.97	4	9011	VILLA DOLO	7623	5	SS	6860
	12	13	12	17	42.4594	1	20	3	6.813	-87	35	15.48	4	9003	WOOMERA	11835	5	FI	8298
	12	13	12	17	50.2922	1	19	25	42.444	-88	41	12.45	4	9003	WOOMERA	11835	7	FI	7908
	12	13	12	49	31.0807	1	11	49	54.442	-25	55	26.75	4	9012	MAUI	8417	3	FI	7270
	12	13	12	49	39.0805	1	11	52	19.415	-25	6	41.94	4	9012	MAUI	8417	4	FI	7931
	12	13	14	24	53.0143	1	7	30	1.870	-67	41	56.72	4	9003	WOOMERA	11838	6	FI	7916
	12	13	14	53	0.8685	1	9	48	57.954	9	8	48.04	4	9012	MAUI	8419	4	FI	7271
	12	13	14	53	6.8683	1	9	53	14.105	10	15	47.12	4	9012	MAUI	8419	7	FI	7272
	12	13	16	26	50.5885	1	3	9	24.935	-32	48	40.01	4	9003	WOOMERA	11844	3	FI	7917
	12	13	16	27	2.5881	1	3	17	49.868	-32	13	41.92	4	9003	WOOMERA	11844	6	FI	7918
	12	13	20	15	24.7260	1	10	1	52.135	-67	49	26.60	4	9002	OLIFANTS	10213	5	SE	6679
	12	13	20	16	11.4427	1	9	56	4.891	-62	6	12.11	4	9002	OLIFANTS	10213	10	SE	6680
	12	13	22	46	48.4377	1	11	48	31.011	- 3	8	21.97	4	9006	NAIN TAL	5723	11	SY	7667
	12	13	22	46	58.0204	1	11	54	18.572	- 1	53	33.58	4	9006	NAIN TAL	5723	13	SY	7668
	12	14	0	21	49.4496	1	3	29	31.498	-24	5	32.99	4	9002	OLIFANTS	10218	2	LE	6681
	12	14	0	22	1.4501	1	3	35	54.474	-23	16	16.36	4	9002	OLIFANTS	10218	5	LE	7116
	12	14	0	45	2.8386	1	11	27	4.120	- 2	2	59.16	4	9008	SHIRAZ	10401	4	KA	7381
	12	14	0	45	8.8392	1	11	30	58.542	- 1	13	24.91	4	9008	SHIRAZ	10401	7	KA	7382
	12	14	4	11	11.0335	1	4	43	38.691	-66	56	39.38	4	9011	VILLA DOLO	7631	3	SS	6861
	12	14	4	11	23.0331	1	5	5	45.167	-66	2	33.26	4	9011	VILLA DOLO	7631	6	SS	6862
	12	14	4	42	36.9641	1	11	52	30.975	- 7	28	17.38	4	9004	SAN FERNAN	7100	5	NG	7925
	12	14	4	42	40.9640	1	11	54	50.796	- 7	1	58.85	4	9004	SAN FERNAN	7100	6	NG	7378
	12	14	8	34	34.8008	1	10	43	25.056	39	10	19.63	4	9009	CURACAO	6526	7	LE	6869
	12	14	8	34	38.8010	1	10	46	48.933	39	41	14.92	4	9009	CURACAO	6526	8	LE	6870
	12	14	10	38	3.6724	1	9	45	8.229	38	23	8.18	4	9010	JUPITER	8055	4	KA	6722
	12	14	10	38	19.6738	1	9	59	18.329	41	19	57.88	4	9010	JUPITER	8055	8	KA	6723
	12	14	11	52	15.1316	1	20	17	6.675	-81	19	16.63	4	9003	WOOMERA	11851	4	FI	6766

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	14	11	52	23.1314	1	20	16	2.615	-82	27	52.08	4	9003	WOOMERA	11851	6	FI	7919
	12	14	12	38	2.6234	1	10	43	43.191	36	22	15.28	4	9001	ORGAN PASS	8538	11	WS	7105
	12	14	12	38	14.6249	1	10	55	51.401	38	19	39.96	4	9001	ORGAN PASS	8538	14	WS	7106
	12	14	13	59	39.2123	1	6	48	55.811	-73	32	42.90	4	9003	WOOMERA	11854	3	FI	6768
	12	14	13	59	51.2117	1	7	6	57.743	-71	49	56.38	4	9003	WOOMERA	11854	6	FI	6769
	12	14	16	1	25.3185	1	2	20	9.915	-37	44	31.82	4	9003	WOOMERA	11862	4	BZ	7394
	12	14	16	1	41.3182	1	2	31	7.995	-37	22	24.29	4	9003	WOOMERA	11862	8	BZ	7395
	12	14	18	27	42.8718	1	12	2	34.616	- 9	45	7.91	4	9005	TOKYO	7097	3	SE	7899
	12	14	18	28	14.8728	1	12	18	59.685	- 6	29	0.75	4	9005	TOKYO	7097	7	SE	6635
	12	14	19	47	1.1068	1	18	18	36.294	-82	32	35.31	4	9002	OLIFANTS	10226	6	LE	6683
	12	14	19	47	25.1080	1	17	3	49.973	-84	34	46.49	4	9002	OLIFANTS	10226	9	LE	6684
	12	14	19	50	23.9720	1	9	53	5.250	-70	1	9.26	4	9002	OLIFANTS	10227	4	LE	6685
	12	14	19	50	39.9718	1	9	49	27.619	-68	4	59.71	4	9002	OLIFANTS	10227	6	LE	7117
	12	14	21	58	44.4014	1	9	19	14.409	-32	22	11.83	4	9002	OLIFANTS	10230	3	KA	6648
	12	14	21	59	0.4013	1	9	23	20.821	-29	55	33.38	4	9002	OLIFANTS	10230	7	KA	6649
	12	14	22	23	6.1172	1	12	10	59.964	0	41	30.33	4	9006	NAIN TAL	5733	4	SY	7669
	12	14	22	23	18.1174	1	12	17	44.692	2	6	21.21	4	9006	NAIN TAL	5733	7	SY	7670
	12	14	23	56	48.4669	1	3	1	24.093	-28	54	34.07	4	9002	OLIFANTS	10234	4	KA	6650
	12	14	23	57	4.4671	1	3	10	15.787	-28	1	6.90	4	9002	OLIFANTS	10234	8	KA	6651
	12	15	4	18	46.0530	1	12	7	50.786	- 4	52	55.84	4	9004	SAN FERNAN	7111	3	SC	7923
	12	15	4	19	2.0531	1	12	16	45.564	- 3	13	5.83	4	9004	SAN FERNAN	7111	7	SC	8299
	12	15	11	27	50.7318	1	20	2	38.654	-84	5	53.05	4	9003	WOOMERA	11870	3	BZ	6642
	12	15	11	28	2.7315	1	19	59	1.504	-85	49	51.56	4	9003	WOOMERA	11870	6	BZ	7901
	12	15	12	13	0.1642	1	10	19	6.855	28	14	1.03	4	9001	ORGAN PASS	8552	3	KA	7107
	12	15	12	13	2.1642	1	10	20	52.516	28	34	23.45	4	9001	ORGAN PASS	8552	4	KA	3079
	12	15	13	35	14.2235	1	7	15	29.361	-71	59	14.32	4	9003	WOOMERA	11875	8	PB	6703
	12	15	14	6	46.1789	1	12	3	6.537	27	36	32.54	4	9012	MAUI	8440	4	FI	7273
	12	15	14	6	48.1790	1	12	4	34.249	27	49	36.57	4	9012	MAUI	8440	5	FI	7932
	12	15	15	36	49.4192	1	2	3	50.136	-40	55	27.06	4	9003	WOOMERA	11879	3	PB	6704
	12	15	15	37	9.4188	1	2	18	35.432	-40	35	54.49	4	9003	WOOMERA	11879	8	PB	6705
	12	15	21	33	47.9087	1	9	8	14.724	-36	29	9.40	4	9002	OLIFANTS	10240	3	KA	6652
	12	15	23	32	5.4896	1	2	42	27.324	-32	37	46.35	4	9002	OLIFANTS	10244	3	KA	6653
	12	15	23	32	29.4899	1	2	56	40.551	-31	26	59.96	4	9002	OLIFANTS	10244	6	KA	6654
	12	16	0	1	43.3556	1	9	22	15.953	46	42	12.84	4	9006	NAIN TAL	5750	5	KA	7671
	12	16	0	1	51.3561	1	9	29	34.030	48	10	34.96	4	9006	NAIN TAL	5750	7	KA	7939
	12	16	1	15	31.9938	1	21	6	35.937	-85	22	18.67	4	9011	VILLA DOLO	7635	3	NG	6730
	12	16	1	15	51.9935	1	22	26	24.677	-88	10	47.30	4	9011	VILLA DOLO	7635	8	NG	6731
	12	16	2	0	24.2078	1	9	6	45.158	50	17	15.69	4	9008	SHIRAZ	10427	2	NG	2039
	12	16	3	21	59.7595	1	5	1	8.785	-70	38	3.82	4	9011	VILLA DOLO	7639	3	NG	6732
	12	16	3	22	15.7593	1	5	31	24.044	-68	58	8.12	4	9011	VILLA DOLO	7639	7	SE	6733
	12	16	5	23	37.4963	1	2	5	49.971	-29	21	14.06	4	9011	VILLA DOLO	7649	3	SE	7929
	12	16	5	24	9.4947	1	2	24	11.667	-28	4	36.93	4	9011	VILLA DOLO	7649	7	SE	6735
	12	16	9	50	33.7737	1	11	37	26.281	46	3	45.63	4	9010	JUPITER	8068	6	LE	6724
	12	16	9	50	49.7763	1	11	55	59.439	47	34	50.97	4	9010	JUPITER	8068	10	LE	7118
	12	16	13	9	50.1256	1	6	11	30.845	-78	41	52.84	4	9003	WOOMERA	11889	4	SS	6706

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	16	13	10	10.1250	1	6	48	53.234	-75	58	38.65	4	9003	WOOMERA	11889	9	SS	6707
	12	16	13	43	38.1203	1	12	51	54.655	30	55	24.04	4	9012	MAUI	8453	3	FI	7275
	12	16	13	43	58.1200	1	13	3	55.277	32	12	30.95	4	9012	MAUI	8453	8	FI	7276
	12	16	15	12	5.6308	1	1	41	41.214	-44	9	36.52	4	9003	WOOMERA	11893	6	SS	6708
	12	16	15	12	29.6302	1	2	0	24.712	-44	0	24.12	4	9003	WOOMERA	11893	12	SS	6709
	12	16	15	44	36.2182	1	7	3	54.229	54	52	13.30	4	9012	MAUI	8455	4	FI	7277
	12	16	15	44	42.2182	1	7	5	50.043	55	52	25.18	4	9012	MAUI	8455	7	FI	7278
	12	16	23	7	38.7853	1	2	33	27.194	-35	43	10.87	4	9002	OLIFANTS	10260	4	KA	6853
	12	16	23	7	54.7855	1	2	43	46.229	-35	0	10.48	4	9002	OLIFANTS	10260	6	KA	6854
	12	17	0	51	17.0701	1	1	0	22.949	-89	6	21.76	4	9011	VILLA DOLO	7659	3	SE	7909
	12	17	0	51	33.0700	1	6	39	25.158	-87	41	36.12	4	9011	VILLA DOLO	7659	7	SE	7124
	12	17	2	56	59.3931	1	4	18	36.574	-74	4	31.78	4	9011	VILLA DOLO	7663	3	NG	9798
	12	17	2	57	15.3927	1	4	55	34.592	-72	44	43.19	4	9011	VILLA DOLO	7663	7	BZ	7937
	12	17	4	58	41.7370	1	1	37	28.900	-32	44	29.15	4	9011	VILLA DOLO	7668	3	WS	6877
	12	17	4	59	13.7364	1	1	56	13.949	-31	51	1.99	4	9011	VILLA DOLO	7668	7	WS	6878
	12	17	5	33	24.9621	1	10	49	48.413	37	12	24.47	4	9004	SAN FERNAN	7125	4	SC	7373
	12	17	5	33	32.9622	1	10	58	35.377	38	21	2.10	4	9004	SAN FERNAN	7125	8	SC	7374
	12	17	9	27	14.3386	1	12	55	8.345	46	58	35.40	4	9010	JUPITER	8071	5	LE	7119
	12	17	9	27	26.3384	1	13	7	7.703	47	24	44.09	4	9010	JUPITER	8071	8	LE	7120
	12	17	23	14	51.5108	1	12	27	53.091	57	21	7.06	4	9006	NAIN TAL	5771	4	SE	7673
	12	17	23	15	15.5126	1	13	1	51.863	57	59	21.23	4	9006	NAIN TAL	5771	7	SE	9800
	12	18	2	32	24.9074	1	4	36	38.893	-75	10	40.87	4	9011	VILLA DOLO	7680	4	WS	6879
	12	18	2	32	44.9069	1	5	20	31.377	-73	5	5.36	4	9011	VILLA DOLO	7680	9	WS	6880
	12	18	5	10	30.3531	1	12	44	2.174	43	49	37.86	4	9004	SAN FERNAN	7136	7	BZ	7372
	12	18	9	2	16.3828	1	7	40	20.443	77	27	46.61	4	9009	CURACAO	6557	3	LE	6871
	12	18	9	2	24.3828	1	7	49	57.466	78	20	31.85	4	9009	CURACAO	6557	5	LE	6872
	12	18	12	20	39.7168	1	6	47	46.755	-77	50	50.28	4	9003	WOOMERA	11901	2	SS	6710
	12	18	12	20	47.7163	1	6	57	32.376	-76	39	31.15	4	9003	WOOMERA	11901	4	SS	6711
	12	18	14	59	39.5985	1	14	27	30.621	77	21	49.99	4	9012	MAUI	8456	4	FI	7279
	12	18	18	8	9.8030	1	16	39	13.217	-82	49	12.30	4	9002	OLIFANTS	10272	5	WS	6850
	12	18	18	8	33.8037	1	15	12	28.857	-84	26	48.73	4	9002	OLIFANTS	10272	8	WS	7896
	12	18	20	12	1.2054	1	21	29	30.121	-72	30	30.59	4	9002	OLIFANTS	10277	5	SE	7897
	12	18	20	20	53.5861	1	8	54	4.354	-31	12	27.10	4	9002	OLIFANTS	10278	5	KA	6848
	12	18	20	21	25.5858	1	8	58	27.799	-27	18	21.99	4	9002	OLIFANTS	10278	9	KA	6849
	12	18	22	19	9.6089	1	2	39	12.793	-41	23	58.42	4	9002	OLIFANTS	10282	4	TJ	7895
	12	18	22	19	25.6085	1	2	52	17.963	-40	33	50.44	4	9002	OLIFANTS	10282	8	TJ	6847
	12	18	22	51	23.8105	1	13	42	50.524	54	18	58.56	4	9006	NAIN TAL	5781	10	SE	7675
	12	18	22	51	31.8108	1	13	51	23.794	54	12	45.62	4	9006	NAIN TAL	5781	12	SE	7676
	12	19	4	11	32.2170	1	2	24	43.494	-76	11	28.38	4	9007	AREQUIPA	7815	3	SS	7178
	12	19	4	46	38.2586	1	13	19	92.097	41	53	58.15	4	9004	SAN FERNAN	7150	6	BZ	7370
	12	19	4	46	50.2587	1	13	32	5.753	42	8	38.17	4	9004	SAN FERNAN	7150	9	BZ	7371
	12	19	8	38	33.4847	1	10	0	35.920	81	30	50.09	4	9009	CURACAO	6566	6	LE	9797
	12	19	8	38	41.4848	1	10	24	26.788	81	53	6.11	4	9009	CURACAO	6566	8	LE	6874
	12	19	10	41	6.9412	1	7	30	10.328	74	37	52.61	4	9010	JUPITER	8097	7	LE	6726
	12	19	11	55	47.4118	1	6	37	37.598	-79	35	57.24	4	9003	WOOMERA	11919	5	SS	6712

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	19	11	55	59.4118	1	6	52	26.697	-77	49	43.36	4	9003	WOOMERA	11919	8	SS	6713
	12	19	16	1	7.5867	1	1	46	57.632	-14	44	22.79	4	9003	WOOMERA	11931	3	SE	6714
	12	19	16	1	23.5866	1	1	52	57.384	-13	52	36.01	4	9003	WOOMERA	11931	7	SE	6715
	12	19	19	47	25.7913	1	21	2	8.533	-74	0	42.86	4	9002	OLIFANTS	10297	4	SE	7893
	12	19	19	47	41.7916	1	21	9	51.320	-75	45	15.78	4	9002	OLIFANTS	10297	6	TJ	8295
	12	19	19	56	30.7458	1	8	45	29.568	-30	16	47.89	4	9002	OLIFANTS	10298	4	SE	6843
	12	19	19	56	54.7455	1	8	48	22.710	-27	30	26.82	4	9002	OLIFANTS	10298	7	SE	6844
	12	19	20	33	39.9660	1	9	13	55.276	68	25	16.66	4	9005	TOKYO	7140	2	WS	6636
	12	19	20	33	47.9663	1	9	26	22.814	69	42	36.66	4	9005	TOKYO	7140	4	SE	7175
	12	19	21	55	25.1116	1	3	16	28.564	-42	22	28.60	4	9002	OLIFANTS	10303	3	WS	6841
	12	19	21	55	41.1113	1	3	31	26.185	-41	4	57.02	4	9002	OLIFANTS	10303	7	WS	7892
	12	20	4	22	48.4831	1	13	46	27.859	39	20	20.58	4	9004	SAN FERNAN	7162	4	BZ	7922
	12	20	4	23	0.4833	1	13	56	32.187	39	23	51.82	4	9004	SAN FERNAN	7162	7	BZ	7369
	12	20	10	17	52.0764	1	11	55	54.692	83	47	52.48	4	9010	JUPITER	8108	3	NG	7121
	12	20	11	30	59.6632	1	6	33	59.137	-80	34	1.91	4	9003	WOOMERA	11939	4	PB	6716
	12	20	13	34	16.9349	1	1	16	34.610	-57	18	34.99	4	9003	WOOMERA	11943	4	PB	6718
	12	20	14	10	39.0061	1	14	5	51.788	71	19	47.57	4	9012	MAUI	8473	3	FI	7280
	12	20	14	10	47.0060	1	14	16	21.275	70	52	29.42	4	9012	MAUI	8473	5	FI	7933
	12	20	15	36	31.6354	1	1	29	39.654	-16	50	19.35	4	9003	WOOMERA	11952	4	PB	6719
	12	20	15	36	39.6352	1	1	32	47.216	-16	25	51.20	4	9003	WOOMERA	11952	6	PB	6720
	12	20	19	30	58.5905	1	8	28	17.152	-37	34	18.58	4	9002	OLIFANTS	10320	5	LE	6372
	12	20	19	31	30.5902	1	8	31	51.608	-33	41	31.63	4	9002	OLIFANTS	10320	9	LE	6373
	12	21	0	5	18.2927	1	8	1	39.551	83	6	8.04	4	9006	NAIN TAL	5803	1	KA	6787
	12	21	0	5	26.2929	1	8	25	5.729	84	15	49.66	4	9006	NAIN TAL	5803	3	KA	6788
	12	21	6	1	5.3512	1	12	32	5.110	75	56	8.62	4	9004	SAN FERNAN	7169	2	KA	7386
	12	21	6	1	17.3511	1	13	12	1.004	75	48	21.16	4	9004	SAN FERNAN	7169	5	KA	7387
	12	21	11	6	26.1437	1	6	44	47.265	-79	20	1.68	4	9003	WOOMERA	11961	3	BZ	7392
	12	21	11	6	50.1435	1	7	0	17.841	-75	44	22.84	4	9003	WOOMERA	11961	9	BZ	7393
	12	21	13	9	56.7127	1	1	26	32.305	-60	37	8.81	4	9003	WOOMERA	11966	3	TJ	6770
	12	21	13	10	12.7121	1	1	48	55.996	-60	32	52.50	4	9003	WOOMERA	11966	7	TJ	6771
	12	21	15	11	45.9972	1	1	8	25.568	-19	28	55.20	4	9003	WOOMERA	11972	4	TJ	6772
	12	21	15	12	13.9969	1	1	19	53.755	-18	7	35.53	4	9003	WOOMERA	11972	11	BZ	6773
	12	22	1	39	45.6356	1	10	4	17.848	86	43	8.32	4	9008	SHIRAZ	10461	2	NG	9779
	12	22	1	40	5.6362	1	14	2	58.169	86	50	17.62	4	9008	SHIRAZ	10461	7	SY	9793
	12	22	11	29	14.6642	1	15	6	57.427	67	29	18.50	4	9001	ORGAN PASS	8586	7	KA	6645
	12	22	12	45	30.9394	1	1	34	57.619	-63	40	29.43	4	9003	WOOMERA	11986	4	KA	6774
	12	22	12	45	54.9386	1	2	13	13.112	-63	11	56.79	4	9003	WOOMERA	11986	10	KA	6775
	12	22	18	41	22.1832	1	8	4	0.859	-40	55	12.32	4	9002	OLIFANTS	10338	5	TJ	6374
	12	22	18	41	30.1834	1	8	4	42.064	-39	58	23.22	4	9002	OLIFANTS	10338	6	TJ	6375
	12	22	20	43	22.0311	1	5	2	40.599	-41	26	50.69	4	9002	OLIFANTS	10345	5	TJ	6376
	12	22	20	43	26.0312	1	5	6	13.367	-40	48	36.04	4	9002	OLIFANTS	10345	6	TJ	6377
	12	22	23	17	46.7118	1	16	9	55.476	77	23	17.05	4	9006	NAIN TAL	5829	2	KA	6789
	12	22	23	17	54.7121	1	16	19	30.626	76	22	43.49	4	9006	NAIN TAL	5829	4	KA	6790
	12	23	0	30	41.1591	1	6	41	2.183	-63	54	22.89	4	9011	VILLA DOLO	7730	3	TJ	6881
	12	23	0	30	53.1587	1	6	45	40.126	-62	2	24.18	4	9011	VILLA DOLO	7730	6	TJ	6882

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DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	23	4	34	20.3276	1	1	6	59.468	-13	2	11.65	4	9011	VILLA DOLO	7740 4	TJ	7938
	12	23	4	34	52.3274	1	1	18	47.149	-11	14	8.26	4	9011	VILLA DOLO	7740 8	TJ	6884
	12	23	9	5	50.2116	1	15	24	57.014	69	12	45.33	4	9010	JUPITER	8124 5	NG	7122
	12	23	9	6	6.2111	1	15	38	11.893	67	41	4.05	4	9010	JUPITER	8124 7	NG	6729
	12	23	11	5	18.0804	1	15	22	21.783	61	43	19.28	4	9001	ORGAN PASS	8604 3	KA	6646
	12	23	11	5	30.0810	1	15	31	48.316	60	36	6.72	4	9001	ORGAN PASS	8604 6	KA	7108
	12	23	13	4	46.7215	1	6	8	17.765	60	4	1.09	4	9001	ORGAN PASS	8606 3	SY	7557
	12	23	13	4	54.7231	1	6	8	48.020	61	14	39.14	4	9001	ORGAN PASS	8606 7	SY	7558
	12	24	14	36	11.8580	1	22	50	43.630	86	30	29.65	4	9012	MAUI	8504 3	FI	7281
	12	24	14	36	27.8583	1	21	5	20.546	85	48	10.07	4	9012	MAUI	8504 7	FI	7934
	12	24	20	36	11.8187	1	10	16	48.288	84	35	3.04	4	9005	TOKYO	7214 11	HB	7573
	12	24	20	36	23.8190	1	11	53	53.868	85	15	28.49	4	9005	TOKYO	7214 14	HB	7574
	12	24	22	30	23.1648	1	16	26	26.848	62	13	12.80	4	9006	NAIN TAL	5858 1	KA	6791
	12	24	22	30	31.1649	1	16	29	29.708	61	25	18.55	4	9006	NAIN TAL	5858 2	KA	6792
	12	25	0	31	13.2511	1	4	23	57.815	79	49	50.60	4	9006	NAIN TAL	5859 2	SE	7400
	12	25	0	31	17.2511	1	4	18	14.546	80	21	4.62	4	9006	NAIN TAL	5859 3	NG	7401
	12	25	11	33	12.2163	1	4	14	51.854	-63	47	8.58	4	9003	WOOMERA	12016 3	KA	6776
	12	25	11	33	22.2160	1	4	27	15.319	-62	23	31.72	4	9003	WOOMERA	12016 8	KA	6777
	12	25	13	35	15.3509	1	0	58	54.748	-23	57	38.39	4	9003	WOOMERA	12022 3	KA	6778
	12	25	13	35	35.3504	1	1	10	34.895	-22	38	50.62	4	9003	WOOMERA	12022 8	KA	6779
	12	25	20	11	57.7372	1	13	32	40.458	84	36	17.39	4	9005	TOKYO	7229 2	WS	6637
	12	25	20	12	13.7380	1	15	3	49.846	82	55	45.15	4	9005	TOKYO	7229 6	WS	7900
	12	26	1	19	0.7806	1	1	14	15.144	-59	59	37.91	4	9011	VILLA DOLO	7760 3	SC	6885
	12	26	1	19	16.7801	1	1	37	33.759	-59	25	18.83	4	9011	VILLA DOLO	7760 7	SC	6886
	12	26	2	6	30.3433	1	22	6	43.796	85	13	4.53	4	9008	SHIRAZ	10489 5	SE	8050
	12	26	2	6	34.3433	1	21	43	48.327	84	54	49.16	4	9008	SHIRAZ	10489 6	SE	8051
	12	26	3	22	5.0046	1	0	56	8.943	-13	59	35.88	4	9011	VILLA DOLO	7767 7	NG	6863
	12	26	3	22	21.0038	1	1	3	31.090	-12	52	7.90	4	9011	VILLA DOLO	7767 9	NG	6864
	12	26	23	43	23.0754	1	20	31	26.058	84	11	47.89	4	9006	NAIN TAL	5889 1	KA	6793
	12	26	23	43	35.0791	1	19	54	27.400	82	49	41.43	4	9006	NAIN TAL	5889 4	KA	6794
	12	27	1	42	24.5111	1	19	41	19.027	81	33	43.73	4	9008	SHIRAZ	10492 3	SY	8052
	12	27	23	18	59.7011	1	19	15	46.835	82	17	24.21	4	9006	NAIN TAL	5892 2	NG	7402
	12	27	23	19	15.7014	1	18	52	6.365	80	13	1.15	4	9006	NAIN TAL	5892 6	NG	7403
	12	28	0	33	39.8950	1	5	18	49.704	-34	44	38.30	4	9011	VILLA DOLO	7787 5	NG	6865
	12	28	0	33	47.8947	1	5	22	44.951	-33	25	56.70	4	9011	VILLA DOLO	7787 7	NG	7936
	12	28	1	18	18.7127	1	18	40	50.984	77	1	13.20	4	9008	SHIRAZ	10502 5	SY	8054
	12	28	2	33	17.3692	1	0	39	17.142	-17	28	53.71	4	9011	VILLA DOLO	7793 3	SC	6887
	12	28	2	33	29.3692	1	0	45	38.764	-16	36	6.51	4	9011	VILLA DOLO	7793 6	SC	6888
	12	29	0	53	57.6805	1	18	9	24.805	74	26	0.31	4	9008	SHIRAZ	10515 2	KA	7398
	12	29	0	54	29.6816	1	18	0	33.166	70	14	52.86	4	9008	SHIRAZ	10515 10	KA	7399
	12	29	11	57	41.4911	1	0	46	43.871	-34	20	18.56	4	9003	WOOMERA	12068 3	BZ	7921
	12	29	11	57	57.4907	1	0	59	50.839	-33	8	54.73	4	9003	WOOMERA	12068 7	PB	6781
	12	29	12	45	3.8041	1	17	25	41.158	86	45	2.01	4	9001	ORGAN PASS	8644 3	SS	7559
	12	29	12	45	9.8050	1	17	30	22.718	85	45	21.00	4	9001	ORGAN PASS	8644 6	SS	8750
	12	29	14	1	24.4761	1	1	3	47.841	4	57	48.19	4	9003	WOOMERA	12074 3	PB	6782

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CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	30	4	26	44.9507	1	16	19	11.451	58	59	55.18	4	9004	SAN FERNAN	7194 4	KA	7388
	12	30	4	27	0.9506	1	16	24	29.022	56	49	17.35	4	9004	SAN FERNAN	7194 8	KA	7389
	12	30	12	20	54.4614	1	17	36	47.547	81	36	51.96	4	9001	ORGAN PASS	8659 3	SS	7561
	12	30	12	21	0.4599	1	17	36	33.439	80	37	22.44	4	9001	ORGAN PASS	8659 6	SS	7562
	12	30	13	35	59.9759	1	0	33	19.565	0	16	14.56	4	9003	WOOMERA	12087 4	PB	6783
	12	30	13	36	15.9758	1	0	38	39.526	0	55	8.53	4	9003	WOOMERA	12087 8	BZ	6784
	12	30	13	39	37.6256	1	1	48	12.420	18	3	58.99	4	9003	WOOMERA	12088 3	BZ	6785
	12	30	13	39	53.6256	1	1	53	52.428	19	31	7.49	4	9003	WOOMERA	12088 7	WS	6786
	12	31	0	6	12.5531	1	17	13	50.072	62	28	33.34	4	9008	SHIRAZ	10529 2	SY	8055
	12	31	2	9	18.8452	1	18	8	53.495	76	10	45.05	4	9008	SHIRAZ	10531 2	BZ	7396
	12	31	2	9	34.8466	1	18	5	56.191	73	41	55.80	4	9008	SHIRAZ	10531 6	BZ	7397
	12	31	4	2	59.3136	1	16	15	50.343	52	1	50.98	4	9004	SAN FERNAN	7196 3	NG	7390
	12	31	4	3	3.3136	1	16	16	50.692	51	33	9.34	4	9004	SAN FERNAN	7196 4	SE	7391
	12	31	11	57	4.0522	1	17	26	46.777	73	31	55.06	4	9001	ORGAN PASS	8671 2	SS	7563
	12	31	11	57	12.0507	1	17	26	45.343	72	15	29.46	4	9001	ORGAN PASS	8671 6	SS	8293
	12	31	17	47	59.7244	1	16	0	17.871	50	35	8.19	4	9005	TOKYO	7264 7	BZ	6638
	12	31	17	48	15.7244	1	16	3	59.512	48	53	24.13	4	9005	TOKYO	7264 9	BZ	6639
	12	31	19	50	5.5781	1	16	4	42.115	70	54	29.01	4	9005	TOKYO	7267 2	BZ	6640
	12	31	19	50	21.5790	1	16	16	28.354	68	6	8.64	4	9005	TOKYO	7267 6	BZ	6641

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	1	7	0	2.6254	1	21	0	23.515	25	3	12.85	4	9009	CURACAO	5378	4	RO	3796
	7	1	7	0	34.6267	1	21	15	27.393	22	16	23.72	4	9009	CURACAO	5378	8	RO	3797
	7	1	9	13	25.7859	3	23	8	35.496	12	3	53.77	4	9007	AREQUIPA	6412	3	VD	3710
	7	1	9	13	57.7859	3	23	23	54.543	9	11	36.84	4	9007	AREQUIPA	6412	11	VD	3711
	7	1	14	36	50.5022	3	18	44	39.706	28	2	37.66	4	9005	TOKYO	6042	4	LT	4159
	7	1	14	37	18.5024	3	19	1	55.163	26	20	7.27	4	9005	TOKYO	6042	11	LT	3395
	7	1	18	24	25.2075	3	18	21	36.009	61	40	13.73	4	9008	SHIRAZ	8402	3	VD	3804
	7	1	18	24	49.2083	3	18	46	22.507	59	52	44.54	4	9008	SHIRAZ	8402	6	VD	3805
	7	1	19	5	54.6370	1	0	38	15.183	22	17	13.27	4	9003	WOOMERA	10047	2	MW	3237
	7	1	19	6	49.3347	1	1	0	40.792	18	50	34.14	4	9003	WOOMERA	10047	11	MW	3238
	7	1	20	31	52.2842	3	19	19	49.919	38	38	38.41	4	9008	SHIRAZ	8407	2	VD	3806
	7	1	20	32	56.2919	3	19	58	36.435	33	38	9.89	4	9008	SHIRAZ	8407	6	VD	3807
	7	1	22	19	5.8694	3	16	39	6.591	46	26	39.28	4	9004	SAN FERNAN	5798	5	HC	3356
	7	1	22	19	21.8689	3	16	55	43.959	46	5	57.99	4	9004	SAN FERNAN	5798	9	HC	3357
	7	1	22	20	34.5710	3	18	4	5.858	43	1	36.07	4	9004	SAN FERNAN	5799	3	MW	3358
	7	1	22	20	46.5710	3	18	14	1.619	42	20	19.95	4	9004	SAN FERNAN	5799	6	MW	3359
	7	2	0	6	22.0968	1	11	13	57.715	82	42	6.60	4	9009	CURACAO	5386	2	PK	3908
	7	2	0	6	38.0952	1	12	1	14.414	84	1	11.84	4	9009	CURACAO	5386	4	PK	3909
	7	2	0	26	31.3480	3	18	26	19.890	23	52	16.01	4	9004	SAN FERNAN	5803	4	HC	3370
	7	2	0	26	47.3476	3	18	36	4.901	22	58	29.92	4	9004	SAN FERNAN	5803	8	HC	3371
	7	2	2	32	35.9607	3	18	43	5.948	- 4	50	47.47	4	9004	SAN FERNAN	5809	2	VD	3372
	7	2	2	32	59.9605	3	18	52	6.876	- 6	8	48.18	4	9004	SAN FERNAN	5809	8	VD	3373
	7	2	4	10	3.8618	1	16	49	42.234	58	45	34.42	4	9001	ORGAN PASS	6882	2	DM	2408
	7	2	4	10	43.8639	1	17	38	47.118	56	47	20.65	4	9001	ORGAN PASS	6882	7	DM	2409
	7	2	4	19	18.3124	1	19	29	44.903	55	41	19.72	4	9010	JUPITER	6810	3	DM	3814
	7	2	4	19	34.3123	1	19	41	43.720	54	19	12.99	4	9010	JUPITER	6810	5	DM	3815
	7	2	6	17	32.7307	1	18	46	26.313	42	43	49.90	4	9001	ORGAN PASS	6886	3	VD	2410
	7	2	6	18	28.7421	1	19	25	9.720	38	31	24.35	4	9001	ORGAN PASS	6886	10	VD	2411
	7	2	6	40	27.8366	3	23	43	35.304	38	23	23.82	4	9007	AREQUIPA	6413	4	LT	3396
	7	2	6	40	59.8367	3	23	52	0.737	36	23	55.22	4	9007	AREQUIPA	6413	8	LT	3397
	7	2	8	24	45.7748	1	19	13	45.379	7	3	14.03	4	9001	ORGAN PASS	6893	2	VD	2412
	7	2	8	24	53.7728	1	19	17	28.910	6	31	58.43	4	9001	ORGAN PASS	6893	3	VD	2413
	7	2	10	29	59.5497	1	18	59	23.930	-16	32	5.87	4	9001	ORGAN PASS	6907	3	LT	2414
	7	2	10	30	31.5527	1	19	8	25.764	-18	17	48.07	4	9001	ORGAN PASS	6907	7	LT	2415
	7	2	18	39	16.4847	1	0	22	19.625	23	3	21.66	4	9003	WOOMERA	10053	3	VD	7283
	7	2	18	39	39.8736	1	0	31	15.295	21	39	8.09	4	9003	WOOMERA	10053	9	VD	3239
	7	2	20	44	39.0798	1	23	44	28.004	- 5	40	39.70	4	9003	WOOMERA	10057	3	VD	3931
	7	2	20	44	54.6889	1	23	53	31.456	- 7	3	31.74	4	9003	WOOMERA	10057	7	VD	3240
	7	3	5	59	51.6719	1	19	21	25.703	24	26	32.17	4	9010	JUPITER	6819	3	VD	3948
	7	3	5	59	59.6900	1	19	25	48.451	23	49	19.77	4	9010	JUPITER	6819	4	VD	3949
	7	3	6	6	39.6569	1	20	50	19.948	29	25	44.08	4	9009	CURACAO	5402	3	MW	3794
	7	3	6	6	47.6566	1	20	54	5.575	28	43	24.98	4	9009	CURACAO	5402	4	MW	3795
	7	3	6	13	25.1314	3	23	25	26.237	39	56	55.84	4	9007	AREQUIPA	6415	4	LT	3918
	7	3	6	13	57.1319	3	23	33	27.687	38	0	17.68	4	9007	AREQUIPA	6415	8	LT	4160
	7	3	8	12	34.8476	1	19	35	57.758	-11	3	22.06	4	9009	CURACAO	5408	3	RO	3800

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	3	8	13	6.8468	1	19	46	2.878	-13	36	46.09	4	9009	CURACAO	5408	7	RO	3801
	7	3	8	20	2.8994	3	22	49	45.752	16	29	34.12	4	9007	AREQUIPA	6420	2	LT	3398
	7	3	8	20	42.8995	3	23	7	10.488	13	12	13.19	4	9007	AREQUIPA	6420	7	LT	3399
	7	3	10	21	34.6378	3	20	18	19.169	- 1	56	39.77	4	9007	AREQUIPA	6422	3	LT	3400
	7	3	10	22	6.6371	3	20	24	48.114	- 4	5	37.80	4	9007	AREQUIPA	6422	7	LT	3401
	7	3	17	31	0.4793	3	17	36	10.484	64	52	28.92	4	9008	SHIRAZ	8433	3	VD	4169
	7	3	17	32	20.4840	3	19	0	2.796	57	42	23.01	4	9008	SHIRAZ	8433	8	VD	4170
	7	3	23	33	57.2354	3	18	26	58.360	24	18	22.51	4	9004	SAN FERNAN	5817	3	DM	3720
	7	3	23	34	21.2364	3	18	41	38.622	22	43	19.98	4	9004	SAN FERNAN	5817	6	DM	3721
	7	4	1	35	37.6579	3	16	43	13.014	8	6	25.45	4	9004	SAN FERNAN	5820	3	HC	3360
	7	4	1	36	9.6578	3	16	56	40.666	6	46	22.62	4	9004	SAN FERNAN	5820	7	HC	3361
	7	4	5	32	34.6398	1	16	21	27.973	52	59	7.58	4	9009	CURACAO	5415	2	RO	3802
	7	4	5	33	6.6403	1	16	40	50.430	52	50	58.66	4	9009	CURACAO	5415	6	RO	3803
	7	4	7	15	35.9403	1	18	22	52.847	80	11	52.75	4	9012	MAUI	6904	3	VD	4079
	7	4	7	16	39.9392	1	19	47	37.381	73	48	53.04	4	9012	MAUI	6904	11	VD	4080
	7	4	7	31	36.9279	I	16	13	30.478	13	47	41.27	4	9010	JUPITER	6837	3	DM	3952
	7	4	7	32	0.9279	1	16	20	54.573	13	1	28.79	4	9010	JUPITER	6837	6	DM	3953
	7	4	9	29	41.9767	1	16	26	46.745	5	3	54.46	4	9001	ORGAN PASS	6938	3	LT	2416
	7	4	9	29	57.9793	1	16	31	21.809	4	29	30.11	4	9001	ORGAN PASS	6938	5	LT	2417
	7	4	11	25	29.8521	1	16	7	41.025	37	23	7.54	4	9012	MAUI	6910	3	VD	4081
	7	4	11	26	9.8521	1	16	28	12.411	36	39	22.06	4	9012	MAUI	6910	8	VD	4082
	7	4	13	44	56.0450	1	21	11	24.836	-44	8	59.69	4	9012	MAUI	6918	3	VD	4101
	7	4	13	45	20.0449	1	21	20	5.500	-45	25	19.54	4	9012	MAUI	6918	6	VD	4102
	7	4	17	46	48.4454	1	0	9	45.177	21	26	31.45	4	9003	WOOMERA	10065	4	VD	3241
	7	4	17	47	12.4451	1	0	17	52.581	20	2	46.12	4	9003	WOOMERA	10065	10	VD	3242
	7	4	19	51	8.2323	1	23	10	59.097	- 0	6	53.50	4	9003	WOOMERA	10068	4	BO	7755
	7	4	19	51	40.2317	1	23	27	13.364	- 2	33	57.53	4	9003	WOOMERA	10068	12	BO	3244
	7	4	23	6	25.9424	3	17	36	20.160	29	13	41.83	4	9004	SAN FERNAN	5830	2	DM	3362
	7	4	23	6	41.9423	3	17	48	3.321	28	15	5.41	4	9004	SAN FERNAN	5830	6	DM	3363
	7	5	1	34	18.6482	1	21	33	36.261	29	39	23.04	4	9002	OLIFANTS	8144	7	PK	3011
	7	5	1	35	14.6451	1	21	53	30.482	26	56	20.56	4	9002	OLIFANTS	8144	14	PK	3488
	7	5	1	42	9.6482	1	0	47	19.115	- 0	54	18.09	4	9002	OLIFANTS	8144	22	PK	3012
	7	5	3	4	12.3143	1	20	54	56.555	66	22	6.66	4	9009	CURACAO	5421	3	PK	3913
	7	5	3	4	36.3152	1	21	4	55.995	64	12	55.47	4	9009	CURACAO	5421	6	PK	3914
	7	5	5	2	8.2112	1	15	55	53.492	43	0	39.04	4	9010	JUPITER	6850	3	VD	3950
	7	5	5	2	24.2117	1	16	7	57.495	42	46	0.37	4	9010	JUPITER	6850	5	VD	3951
	7	5	5	5	24.7795	1	15	43	13.300	55	24	19.63	4	9009	CURACAO	5423	3	LT	3781
	7	5	5	5	40.7797	1	15	53	19.338	55	29	31.83	4	9009	CURACAO	5423	5	LT	3782
	7	5	6	59	45.8248	1	15	41	36.359	27	33	45.51	4	9001	ORGAN PASS	6948	2	LT	2418
	7	5	7	0	17.8295	1	16	0	58.619	26	46	38.47	4	9001	ORGAN PASS	6948	6	LT	2419
	7	5	7	33	44.2418	1	0	7	15.857	16	26	58.10	4	9011	VILLA DOLO	6060	4	VD	3944
	7	5	7	34	24.2417	1	0	22	30.100	14	1	43.17	4	9011	VILLA DOLO	6060	9	VD	3945
	7	5	9	38	43.4761	1	23	24	27.844	-11	22	3.39	4	9011	VILLA DOLO	6065	4	VD	3946
	7	5	9	38	47.4761	1	23	26	43.622	-11	42	20.94	4	9011	VILLA DOLO	6065	5	VD	3947
	7	5	17	21	58.5615	1	0	29	59.602	15	45	20.48	4	9003	WOOMERA	10073	3	BO	3245

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1962	7	5	17	22	26.5615	1	0	38	52.914	14	9	57.57	4	9003	WOOMERA	10073	10	BO	3246
	7	5	19	25	8.6980	1	23	18	55.785	- 1	12	50.11	4	9003	WOOMERA	10075	4	BO	3247
	7	5	19	25	32.6978	1	23	31	15.230	- 3	1	14.42	4	9003	WOOMERA	10075	10	BO	3248
	7	6	1	11	11.4605	1	22	44	30.839	18	55	5.44	4	9002	OLIFANTS	8151	11	PK	3489
	7	6	1	11	27.4606	1	22	50	49.185	17	52	15.96	4	9002	OLIFANTS	8151	13	PK	3013
	7	6	4	38	53.5686	1	15	26	36.885	57	56	52.90	4	9009	CURACAO	5437	4	MW	3792
	7	6	4	39	1.5687	1	15	32	11.544	58	1	7.55	4	9009	CURACAO	5437	5	MW	3793
	7	6	6	22	33.8511	1	18	26	25.233	82	20	6.63	4	9012	MAUI	6920	3	VD	4103
	7	6	6	22	57.8519	1	19	8	6.265	79	34	15.62	4	9012	MAUI	6920	6	VD	4066
	7	6	8	30	7.5277	1	19	12	44.912	65	11	23.58	4	9012	MAUI	6925	3	BO	4060
	7	6	8	30	39.5282	1	19	38	2.588	61	56	50.15	4	9012	MAUI	6925	7	BO	4061
	7	6	9	11	49.7105	1	23	4	29.438	- 8	5	15.24	4	9011	VILLA DOLO	6075	3	DM	4463
	7	6	9	12	5.7104	1	23	12	55.425	- 9	21	9.45	4	9011	VILLA DOLO	6075	7	DM	4464
	7	6	10	31	4.7825	1	14	47	51.899	42	24	15.42	4	9012	MAUI	6929	3	BO	4058
	7	6	10	31	36.7829	1	15	5	20.189	42	28	16.92	4	9012	MAUI	6929	7	BO	4059
	7	6	16	56	46.7908	1	0	40	8.082	11	34	53.01	4	9003	WOOMERA	10080	2	BO	3249
	7	6	16	57	10.7908	1	0	47	14.412	10	18	21.84	4	9003	WOOMERA	10080	8	BO	3250
	7	6	19	0	25.2247	1	0	7	41.370	- 7	55	59.93	4	9003	WOOMERA	10082	3	BO	3251
	7	6	19	0	44.7617	1	0	18	35.183	- 9	19	32.85	4	9003	WOOMERA	10082	8	BO	3252
	7	6	22	13	1.1485	3	16	53	48.224	33	24	38.35	4	9004	SAN FERNAN	5834	2	DM	3364
	7	6	22	13	33.1481	3	17	21	4.777	31	17	46.69	4	9004	SAN FERNAN	5834	6	DM	3365
	7	7	0	55	26.4834	1	2	44	20.673	-16	44	18.00	4	9002	OLIFANTS	8159	6	PK	3014
	7	7	0	55	42.4788	1	2	49	41.618	-17	9	13.80	4	9002	OLIFANTS	8159	8	PK	3015
	7	7	2	10	51.9463	1	20	49	18.869	67	49	41.97	4	9009	CURACAO	5451	3	LT	3790
	7	7	2	11	15.9472	1	20	56	53.846	65	31	31.04	4	9009	CURACAO	5451	6	LT	3791
	7	7	2	45	48.9588	1	20	14	39.868	4	59	14.57	4	9002	OLIFANTS	8161	9	PK	3016
	7	7	2	46	28.9587	1	20	24	8.430	2	46	35.31	4	9002	OLIFANTS	8161	14	PK	3017
	7	7	2	53	42.1949	1	23	20	9.108	-33	12	34.87	4	9002	OLIFANTS	8161	25	PK	3930
	7	7	2	56	36.6499	1	1	42	40.577	-44	55	39.82	4	9002	OLIFANTS	8162	3	PK	3018
	7	7	2	59	14.6722	1	3	51	39.374	-45	1	25.90	4	9002	OLIFANTS	8162	8	PK	3019
	7	7	3	3	7.2570	1	5	49	21.069	-36	50	42.20	4	9002	OLIFANTS	8162	21	PK	3490
	7	7	4	4	11.2351	1	17	25	7.922	52	52	48.21	4	9001	ORGAN PASS	6973	5	DM	4148
	7	7	8	10	0.3733	1	15	28	38.611	7	33	35.33	4	9001	ORGAN PASS	6980	7	MW	2936
	7	7	8	10	8.3693	1	15	31	20.833	7	16	27.92	4	9001	ORGAN PASS	6980	8	MW	2937
	7	7	16	32	23.4071	1	1	1	1.827	5	28	0.51	4	9003	WOOMERA	10088	7	BO	3253
	7	7	16	32	31.2164	1	1	3	9.957	5	6	13.83	4	9003	WOOMERA	10088	9	BO	3254
	7	7	17	52	56.1416	3	19	0	30.546	43	55	42.44	4	9008	SHIRAZ	8496	7	HC	3808
	7	7	17	53	4.1416	3	19	5	20.865	43	1	28.59	4	9008	SHIRAZ	8496	8	HC	3809
	7	7	18	36	3.9035	1	1	8	4.922	-14	46	8.33	4	9003	WOOMERA	10089	3	PG	3255
	7	7	18	36	23.9033	1	1	18	59.261	-15	49	0.92	4	9003	WOOMERA	10089	8	PG	3256
	7	7	19	54	20.1421	3	15	32	14.269	27	39	45.95	4	9008	SHIRAZ	8500	5	HC	3810
	7	7	19	54	36.1431	3	15	42	27.662	27	6	24.12	4	9008	SHIRAZ	8500	7	HC	3811
	7	7	20	38	19.0280	1	22	39	37.744	-34	38	56.54	4	9003	WOOMERA	10092	3	PG	3257
	7	7	20	38	43.0274	1	22	54	31.941	-37	5	32.00	4	9003	WOOMERA	10092	9	PG	3258
	7	7	21	47	26.0597	3	17	28	34.401	30	52	38.70	4	9004	SAN FERNAN	5849	3	DM	3366

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1962	7	7	21	48	14.0594	3	18	3	49.963	26	53	24.84	4	9004	SAN FERNAN	5849	9	DM	3367
	7	7	23	48	49.6924	3	15	11	54.191	13	32	36.42	4	9004	SAN FERNAN	5853	7	PL	7287
	7	8	0	24	8.9843	1	0	45	37.282	- 3	31	31.81	4	9002	OLIFANTS	8167	6	DM	3038
	7	8	0	24	40.9843	1	0	57	8.914	- 5	16	44.47	4	9002	OLIFANTS	8167	10	DM	3039
	7	8	1	44	15.5977	1	20	47	47.800	68	18	50.63	4	9009	CURACAO	5464	3	RO	3798
	7	8	1	44	23.5979	1	20	49	54.421	67	31	14.26	4	9009	CURACAO	5464	4	RO	3799
	7	8	2	22	12.1339	1	20	55	40.100	- 5	7	56.80	4	9002	OLIFANTS	8169	6	HC	3040
	7	8	2	22	36.1342	1	21	3	42.964	- 6	56	22.95	4	9002	OLIFANTS	8169	9	HC	3041
	7	8	2	23	5.6529	1	21	14	11.438	- 9	15	52.76	4	9002	OLIFANTS	8169	12	HC	3042
	7	8	3	37	57.9341	1	17	32	40.404	52	49	27.34	4	9001	ORGAN PASS	6991	4	LT	2421
	7	8	3	38	13.9335	1	17	48	52.684	51	3	19.57	4	9001	ORGAN PASS	6991	8	LT	2422
	7	8	5	41	3.0443	1	15	20	22.714	32	3	58.19	4	9001	ORGAN PASS	6996	3	LT	2423
	7	8	5	41	35.0482	1	15	46	3.345	30	57	43.53	4	9001	ORGAN PASS	6996	7	LT	2424
	7	8	5	44	59.3717	1	14	44	16.592	19	35	33.11	4	9010	JUPITER	6913	3	DM	3816
	7	8	5	45	31.3719	1	14	56	42.971	18	45	19.74	4	9010	JUPITER	6913	7	DM	3817
	7	8	7	38	21.0173	1	20	2	35.123	58	12	38.74	4	9012	MAUI	6943	3	HC	4083
	7	8	7	39	1.0164	1	20	18	5.340	53	34	53.27	4	9012	MAUI	6943	8	HC	4084
	7	8	7	43	19.1645	1	15	5	6.627	8	44	9.75	4	9001	ORGAN PASS	7001	4	MW	2932
	7	8	7	43	23.1645	1	15	6	32.263	8	35	54.81	4	9001	ORGAN PASS	7001	5	MW	2933
	7	8	8	19	49.0898	3	0	58	54.371	-47	2	33.46	4	9007	AREQUIPA	6461	3	HC	3571
	7	8	8	20	29.0898	3	1	26	16.213	-47	57	17.67	4	9007	AREQUIPA	6461	8	HC	3572
	7	8	9	39	1.3372	1	14	40	51.969	47	33	25.34	4	9012	MAUI	6947	3	DM	4085
	7	8	9	39	49.3376	1	15	15	55.515	47	26	38.19	4	9012	MAUI	6947	9	DM	4086
	7	8	10	19	56.5772	3	20	19	37.569	-45	2	31.73	4	9007	AREQUIPA	6468	3	MW	3886
	7	8	10	20	44.5768	3	20	31	24.165	-49	39	12.77	4	9007	AREQUIPA	6468	9	MW	3887
	7	8	17	25	38.2182	3	18	21	31.647	50	45	56.37	4	9008	SHIRAZ	8512	3	DM	3812
	7	8	17	26	10.2199	3	18	45	7.545	46	52	10.26	4	9008	SHIRAZ	8512	7	DM	3813
	7	8	18	10	41.7032	1	1	29	18.152	-16	36	16.62	4	9003	WOOMERA	10097	5	PG	3259
	7	8	18	11	5.7029	1	1	41	8.643	-17	33	50.38	4	9003	WOOMERA	10097	11	PG	3260
	7	8	21	20	53.2670	3	17	14	34.344	32	28	53.56	4	9004	SAN FERNAN	5865	4	PL	3391
	7	8	21	21	9.2665	3	17	27	51.108	31	4	39.11	4	9004	SAN FERNAN	5865	6	PL	3392
	7	8	23	22	24.6203	3	14	54	18.252	14	26	6.36	4	9004	SAN FERNAN	5870	3	VD	4158
	7	9	0	0	18.6890	1	1	25	12.064	-10	14	54.29	4	9002	OLIFANTS	8176	9	VD	3043
	7	9	0	0	50.6889	1	1	35	19.373	-11	28	13.10	4	9002	OLIFANTS	8176	13	VD	3044
	7	9	1	58	19.3516	1	21	55	17.558	-17	17	27.19	4	9002	OLIFANTS	8178	5	VD	3045
	7	9	1	58	47.3517	1	22	9	2.746	-19	46	9.39	4	9002	OLIFANTS	8178	12	VD	3046
	7	9	4	1	13.8554	1	20	23	43.849	-26	29	57.64	4	9002	OLIFANTS	8181	5	PL	3051
	7	9	4	2	17.8545	1	20	37	2.026	-31	29	47.77	4	9002	OLIFANTS	8181	13	PL	3052
	7	9	7	54	38.2158	3	1	38	32.469	-45	46	22.01	4	9007	AREQUIPA	6473	4	BA	3878
	7	9	7	54	54.2156	3	1	47	48.936	-45	54	31.14	4	9007	AREQUIPA	6473	6	BA	3879
	7	9	7	57	26.1693	1	1	37	20.106	-22	52	33.64	4	9011	VILLA DOLO	6081	2	DM	4465
	7	9	7	58	22.1669	1	2	8	30.562	-24	27	15.30	4	9011	VILLA DOLO	6081	9	DM	5879
	7	9	9	56	15.9583	3	21	16	49.861	-62	2	38.13	4	9007	AREQUIPA	6477	3	BN	3888
	7	9	9	56	47.9577	3	21	36	13.799	-65	8	21.06	4	9007	AREQUIPA	6477	7	BN	3889
	7	9	9	59	5.7329	1	22	49	50.570	-40	46	27.09	4	9011	VILLA DOLO	6085	3	DM	4467

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	9	9	59	45.7316	1	23	19	44.183	-44	30	7.42	4	9011	VILLA DOLO	6085	8	DM	4468
	7	9	17	45	27.4191	1	1	49	1.766	-18	2	28.90	4	9003	WOOMERA	10103	3	GL	4156
	7	9	17	45	55.4190	1	2	1	13.264	-18	50	29.30	4	9003	WOOMERA	10103	10	GL	3156
	7	9	19	50	12.2855	1	2	44	39.200	-47	8	10.23	4	9003	WOOMERA	10105	7	GL	3157
	7	9	19	50	36.2849	1	3	5	58.791	-46	38	24.71	4	9003	WOOMERA	10105	13	GL	3158
	7	9	19	51	40.2406	1	3	56	43.252	-44	25	57.42	4	9003	WOOMERA	10105	24	GL	3159
	7	9	20	55	14.3578	3	17	43	10.031	29	5	37.32	4	9004	SAN FERNAN	5890	3	LT	3393
	7	9	20	55	30.3576	3	17	54	15.552	27	33	20.49	4	9004	SAN FERNAN	5890	5	LT	3394
	7	9	22	56	44.8195	3	15	4	31.618	13	38	34.19	4	9004	SAN FERNAN	5894	3	DM	3722
	7	9	22	57	0.8193	3	15	14	51.351	12	55	10.69	4	9004	SAN FERNAN	5894	5	DM	3723
	7	10	0	59	37.7479	3	15	17	40.975	- 2	53	29.22	4	9004	SAN FERNAN	5899	2	DM	3724
	7	10	1	0	9.7473	3	15	28	9.893	- 4	16	27.85	4	9004	SAN FERNAN	5899	6	DM	4164
	7	10	1	34	9.7342	1	23	11	8.079	-27	51	12.61	4	9002	OLIFANTS	8188	7	DM	3047
	7	10	1	34	37.7346	1	23	28	31.220	-29	50	34.14	4	9002	OLIFANTS	8188	14	DM	3048
	7	10	1	43	14.0207	1	4	19	30.866	-35	24	38.81	4	9002	OLIFANTS	8188	22	DM	3049
	7	10	1	43	38.0182	1	4	28	5.938	-34	50	5.19	4	9002	OLIFANTS	8188	25	DM	3050
	7	10	2	53	41.8780	1	15	7	52.706	69	13	11.48	4	9009	CURACAO	5490	3	LT	3777
	7	10	2	54	5.8792	1	15	39	2.455	69	7	47.06	4	9009	CURACAO	5490	6	LT	3778
	7	10	7	31	22.0867	1	1	36	38.939	-22	12	46.12	4	9011	VILLA DOLO	6090	3	DM	4469
	7	10	7	31	54.0877	1	1	52	57.018	-23	3	12.90	4	9011	VILLA DOLO	6090	7	DM	4470
	7	10	9	33	19.3627	1	23	19	9.947	-43	48	18.04	4	9011	VILLA DOLO	6095	2	DM	4471
	7	10	9	33	51.3615	1	23	46	41.041	-46	14	24.17	4	9011	VILLA DOLO	6095	6	DM	4472
	7	10	17	20	18.0187	1	2	5	10.571	-18	57	53.18	4	9003	WOOMERA	10111	2	GL	3160
	7	10	17	20	46.0187	1	2	15	49.878	-19	30	49.23	4	9003	WOOMERA	10111	9	GL	3161
	7	10	18	35	21.4366	3	15	0	45.358	33	39	0.00	4	9008	SHIRAZ	8521	3	BO	3896
	7	10	18	35	45.4381	3	15	21	28.639	32	36	38.69	4	9008	SHIRAZ	8521	6	BO	3897
	7	10	19	21	14.4552	1	0	17	24.663	-42	28	47.09	4	9003	WOOMERA	10113	2	PK	3162
	7	10	19	21	46.4544	1	0	45	24.242	-43	50	29.69	4	9003	WOOMERA	10113	10	GL	3163
	7	10	22	30	47.1656	3	15	6	21.348	13	24	41.47	4	9004	SAN FERNAN	5915	3	DM	3718
	7	10	22	30	55.1654	3	15	11	59.363	13	0	2.45	4	9004	SAN FERNAN	5915	4	DM	3719
	7	11	1	9	46.5482	1	0	26	23.658	-33	19	17.53	4	9002	OLIFANTS	8199	7	PL	3053
	7	11	1	11	6.1165	1	1	14	52.023	-35	46	4.54	4	9002	OLIFANTS	8199	16	PL	3054
	7	11	3	7	45.1812	1	19	59	21.704	-24	55	25.07	4	9002	OLIFANTS	8203	7	VD	3020
	7	11	3	8	39.4664	1	20	11	43.820	-29	2	40.99	4	9002	OLIFANTS	8203	13	VD	4152
	7	11	4	24	0.3540	1	16	46	23.483	30	18	50.00	4	9001	ORGAN PASS	7024	6	GL	3492
	7	11	4	24	8.3538	1	16	53	25.332	29	32	38.87	4	9001	ORGAN PASS	7024	7	GL	3493
	7	11	6	25	35.8482	1	14	47	41.509	7	9	32.67	4	9001	ORGAN PASS	7027	2	GL	2934
	7	11	6	25	43.8477	1	14	51	24.438	6	46	15.38	4	9001	ORGAN PASS	7027	3	GL	2935
	7	11	7	6	17.1777	1	2	1	46.726	-22	49	4.10	4	9011	VILLA DOLO	6098	3	HC	4473
	7	11	7	6	57.1769	1	2	19	11.224	-23	23	26.92	4	9011	VILLA DOLO	6098	8	HC	4474
	7	11	18	11	18.9521	3	16	55	1.045	26	1	37.60	4	9008	SHIRAZ	8527	3	BO	3894
	7	11	18	11	50.9561	3	17	19	40.951	22	47	59.87	4	9008	SHIRAZ	8527	7	BO	3895
	7	11	18	56	38.6402	1	1	46	12.314	-43	16	31.90	4	9003	WOOMERA	10121	3	GL	3164
	7	11	18	57	6.6397	1	2	8	0.234	-43	10	33.74	4	9003	WOOMERA	10121	10	GL	7285
	7	12	0	45	13.2949	1	1	24	0.640	-34	23	28.29	4	9002	OLIFANTS	8209	3	PL	3055

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	12	0	46	33.2950	1	2	4	11.042	-35	3	27.45	4	9002	OLIFANTS	8209 13	PL	3498
	7	12	0	48	51.7398	1	3	3	51.233	-34	22	37.06	4	9002	OLIFANTS	8209 24	PL	3499
	7	12	1	59	32.7827	1	17	40	27.236	50	44	8.47	4	9010	JUPITER	6940 4	BA	3818
	7	12	1	59	52.7829	1	17	58	17.235	47	59	19.93	4	9010	JUPITER	6940 9	BA	3819
	7	12	2	43	39.3346	1	20	31	56.232	-37	11	54.30	4	9002	OLIFANTS	8211 11	PL	3058
	7	12	2	44	3.3356	1	20	40	35.825	-39	22	45.40	4	9002	OLIFANTS	8211 14	PL	3059
	7	12	4	0	56.4128	1	14	11	55.893	22	48	14.71	4	9010	JUPITER	6943 3	HC	3936
	7	12	4	1	36.4132	1	14	35	23.626	21	12	1.99	4	9010	JUPITER	6943 8	HC	3937
	7	12	8	40	44.6109	3	2	0	20.031	-69	32	17.24	4	9007	AREQUIPA	6495 2	VD	3573
	7	12	8	41	40.6111	3	2	57	46.203	-67	39	36.47	4	9007	AREQUIPA	6495 9	VD	3574
	7	12	8	43	32.3795	1	2	6	46.644	-47	3	20.66	4	9011	VILLA DOLO	6110 5	DM	4475
	7	12	8	43	40.3793	1	2	13	39.513	-46	55	46.87	4	9011	VILLA DOLO	6110 7	DM	4476
	7	12	17	44	13.3469	3	16	13	54.187	32	16	48.15	4	9008	SHIRAZ	8548 3	PG	3902
	7	12	17	44	29.3478	3	16	28	56.392	30	41	31.62	4	9008	SHIRAZ	8548 5	PG	3903
	7	13	0	20	34.1066	1	2	2	16.367	-33	22	26.05	4	9002	OLIFANTS	8218 7	LT	3060
	7	13	0	21	14.1070	1	2	18	43.658	-33	20	44.79	4	9002	OLIFANTS	8218 12	LT	3061
	7	13	1	36	54.2218	1	18	39	31.719	67	14	39.98	4	9009	CURACAO	5527 3	LT	3788
	7	13	1	37	34.2233	1	19	8	33.882	62	38	50.99	4	9009	CURACAO	5527 8	LT	3789
	7	13	2	18	34.4750	1	21	6	45.295	-45	36	6.19	4	9002	OLIFANTS	8220 9	LT	3062
	7	13	2	19	54.4778	1	21	55	45.111	-52	41	39.98	4	9002	OLIFANTS	8220 19	LT	3063
	7	13	7	29	31.0926	1	16	33	18.294	58	55	20.34	4	9012	MAUI	6981 3	BO	4062
	7	13	7	29	55.0925	1	17	2	15.104	56	30	23.62	4	9012	MAUI	6981 6	BO	4063
	7	13	8	14	19.4053	3	1	58	29.937	-67	2	37.14	4	9007	AREQUIPA	6507 3	VD	3575
	7	13	8	15	23.4040	3	2	53	29.895	-64	48	19.97	4	9007	AREQUIPA	6507 11	VD	3576
	7	13	8	16	51.8909	1	1	46	59.667	-45	18	4.39	4	9011	VILLA DOLO	6124 3	VD	4477
	7	13	8	17	15.8903	1	2	5	49.626	-44	57	59.87	4	9011	VILLA DOLO	6124 6	VD	4478
	7	13	9	31	15.6764	1	14	4	26.798	21	37	24.15	4	9012	MAUI	6985 3	DM	5826
	7	13	9	31	55.6770	1	14	22	44.564	19	59	43.36	4	9012	MAUI	6985 8	DM	4098
	7	13	10	15	56.4662	3	20	18	20.388	-67	23	57.59	4	9007	AREQUIPA	6509 4	VD	3577
	7	13	10	16	44.4648	3	20	39	31.196	-71	38	16.20	4	9007	AREQUIPA	6509 10	VD	3578
	7	13	10	17	11.3332	1	21	35	49.344	-44	3	32.57	4	9011	VILLA DOLO	6127 3	VD	4479
	7	13	10	17	19.3338	1	21	39	38.119	-44	42	46.51	4	9011	VILLA DOLO	6127 4	VD	4480
	7	13	17	17	54.2094	3	16	13	4.828	34	22	42.32	4	9008	SHIRAZ	8567 5	BO	3898
	7	13	17	18	10.2109	3	16	29	2.548	32	34	22.31	4	9008	SHIRAZ	8567 7	BO	3899
	7	13	18	4	48.9497	1	2	9	13.297	-38	59	47.19	4	9003	WOOMERA	10128 2	GL	3165
	7	13	18	5	12.9493	1	2	23	6.674	-38	38	11.95	4	9003	WOOMERA	10128 8	PK	4350
	7	13	20	7	23.1874	1	0	12	14.071	-59	19	42.96	4	9003	WOOMERA	10132 2	PK	3166
	7	13	20	7	55.1865	1	0	52	1.340	-60	9	53.46	4	9003	WOOMERA	10132 10	PK	3167
	7	14	1	11	38.9271	1	19	30	52.794	59	20	20.08	4	9009	CURACAO	5542 3	BA	3775
	7	14	1	11	54.9271	1	19	37	26.045	57	19	11.15	4	9009	CURACAO	5542 5	BA	3776
	7	14	1	53	52.4795	1	22	23	39.929	-54	37	48.67	4	9002	OLIFANTS	8228 3	LT	3064
	7	14	1	54	40.4806	1	23	6	34.899	-57	26	34.65	4	9002	OLIFANTS	8228 9	LT	4349
	7	14	3	9	26.0321	1	14	27	19.981	23	36	3.83	4	9010	JUPITER	6971 2	GL	3979
	7	14	3	9	38.0303	1	14	36	22.747	22	53	24.22	4	9010	JUPITER	6971 5	GL	3980
	7	14	3	11	55.7175	1	13	52	50.008	41	52	57.89	4	9009	CURACAO	5547 3	LT	3786

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	14	3	12	19.7173	1	14	6	33.477	41	32	9.20	4	9009	CURACAO	5547	6	LT	3787
	7	14	4	0	17.7683	1	22	19	20.216	-66	22	59.19	4	9002	OLIFANTS	8230	4	LT	3065
	7	14	4	2	15.2379	1	1	11	39.412	-73	3	27.64	4	9002	OLIFANTS	8230	19	LT	3066
	7	14	5	7	47.8993	1	14	41	59.099	4	55	47.37	4	9001	ORGAN PASS	7049	4	LT	2425
	7	14	5	7	55.8999	1	14	46	55.566	4	23	0.58	4	9001	ORGAN PASS	7049	5	LT	2426
	7	14	7	3	1.0095	1	16	28	56.696	62	24	20.81	4	9012	MAUI	6999	4	PG	4052
	7	14	7	3	25.0108	1	17	0	48.319	59	43	53.51	4	9012	MAUI	6999	7	PG	4053
	7	14	7	48	21.1296	3	2	16	26.360	-63	38	55.52	4	9007	AREQUIPA	6510	3	VD	3579
	7	14	7	49	17.1287	3	2	54	40.374	-61	30	53.49	4	9007	AREQUIPA	6510	10	VD	3580
	7	14	9	5	21.7638	1	13	59	34.352	22	22	42.86	4	9012	MAUI	7003	3	BO	4064
	7	14	9	6	25.7679	1	14	32	53.328	19	14	4.39	4	9012	MAUI	7003	7	BO	4065
	7	14	9	51	7.7745	3	21	32	53.053	-77	4	18.94	4	9007	AREQUIPA	6516	9	DM	3581
	7	14	9	51	39.7741	3	22	17	44.226	-79	20	5.25	4	9007	AREQUIPA	6516	7	DM	3582
	7	14	16	52	30.6473	3	17	6	21.228	29	12	3.65	4	9008	SHIRAZ	8588	3	GL	3921
	7	14	16	52	38.6479	3	17	12	55.477	28	6	32.41	4	9008	SHIRAZ	8588	4	GL	3922
	7	14	17	39	47.1311	1	2	40	15.562	-35	50	54.90	4	9003	WOOMERA	10137	4	LT	3386
	7	14	17	40	3.1307	1	2	47	29.734	-35	30	27.86	4	9003	WOOMERA	10137	8	LT	3387
	7	15	1	29	9.8355	1	0	10	54.228	-57	53	35.03	4	9002	OLIFANTS	8234	13	DM	3067
	7	15	1	30	5.8369	1	1	4	26.102	-57	55	11.08	4	9002	OLIFANTS	8234	20	DM	3068
	7	15	3	26	58.4200	1	19	34	46.709	-35	16	40.49	4	9002	OLIFANTS	8240	8	DM	4154
	7	15	3	28	18.4218	1	19	50	44.552	-40	31	48.42	4	9002	OLIFANTS	8240	18	DM	3070
	7	15	4	41	30.8173	1	14	30	12.383	5	30	2.47	4	9001	ORGAN PASS	7072	2	MW	2938
	7	15	4	41	38.8157	1	14	35	36.935	4	54	53.59	4	9001	ORGAN PASS	7072	3	MW	2939
	7	15	6	38	19.9956	1	18	21	6.296	50	10	4.83	4	9012	MAUI	7016	3	VD	4099
	7	15	6	38	51.9953	1	18	40	21.884	45	7	10.39	4	9012	MAUI	7016	7	VD	4100
	7	15	7	26	21.5456	1	2	54	55.676	-38	13	28.00	4	9011	VILLA DOLO	6134	3	LT	4067
	7	15	7	26	37.5454	1	3	2	33.965	-37	42	35.69	4	9011	VILLA DOLO	6134	5	LT	5923
	7	15	8	39	10.8495	1	13	47	21.679	24	1	36.83	4	9012	MAUI	7024	3	PG	4104
	7	15	8	39	42.8500	1	14	5	37.223	22	29	27.08	4	9012	MAUI	7024	7	PG	5877
	7	15	9	28	8.9583	1	1	3	2.563	-58	45	6.10	4	9011	VILLA DOLO	6138	4	LT	4069
	7	15	9	28	24.9578	1	1	22	31.348	-5[illegible]	38	42.17	4	9011	VILLA DOLO	6138	6	LT	4070
	7	15	22	23	35.9548	1	14	31	44.040	[illegible]	51	11.64	4	9004	SAN FERNAN	6001	5	HC	3716
	7	15	22	23	59.9546	1	14	43	59.604	-11	24	57.55	4	9004	SAN FERNAN	6001	8	HC	3717
	7	16	1	4	9.0612	1	1	29	29.907	-55	6	8.07	4	9002	OLIFANTS	8251	6	GL	2826
	7	16	1	4	57.0629	1	2	4	29.319	-53	41	45.78	4	9002	OLIFANTS	8251	12	GL	2827
	7	16	3	14	43.7000	1	5	54	3.169	-45	2	2.15	4	9002	OLIFANTS	8255	21	BN	3033
	7	16	3	15	31.6879	1	6	8	12.478	-40	53	13.17	4	9002	OLIFANTS	8255	27	BN	3034
	7	16	3	16	11.7095	1	6	18	30.815	-37	35	49.98	4	9002	OLIFANTS	8255	32	BN	3035
	7	16	3	17	16.7075	1	6	33	8.164	-32	35	36.83	4	9002	OLIFANTS	8255	35	BN	3036
	7	16	3	17	56.6957	1	6	41	9.663	-29	43	13.07	4	9002	OLIFANTS	8255	40	BN	3037
	7	16	4	15	34.6591	1	14	33	59.336	4	33	23.86	4	9001	ORGAN PASS	7095	6	DM	2931
	7	16	4	15	42.6592	1	14	39	56.394	3	53	53.37	4	9001	ORGAN PASS	7095	7	DM	4151
	7	16	6	13	40.6908	1	19	11	20.888	34	55	4.33	4	9012	MAUI	7037	3	PG	4054
	7	16	6	14	4.6882	1	19	18	39.548	31	35	40.52	4	9012	MAUI	7037	6	PG	5878
	7	16	8	13	23.9382	1	13	50	51.980	24	46	27.67	4	9012	MAUI	7041	3	PG	4050

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	16	8	13	47.9387	1	14	6	34.863	23	24	0.57	4	9012	MAUI	7041	6	PG	4051
	7	16	8	59	18.7041	3	0	48	54.769	-79	32	20.65	4	9007	AREQUIPA	6535	3	DM	3583
	7	16	8	59	50.7038	3	1	54	2.654	-78	53	6.67	4	9007	AREQUIPA	6535	7	DM	3584
	7	16	9	2	20.8693	1	1	51	17.963	-56	44	48.66	4	9011	VILLA DOLO	6148	3	LT	4071
	7	16	9	2	44.8684	1	2	16	13.318	-55	46	34.14	4	9011	VILLA DOLO	6148	6	LT	4072
	7	16	18	2	15.0175	3	14	21	28.160	1	58	35.06	4	9008	SHIRAZ	8622	4	BO	3892
	7	16	18	2	47.0191	3	14	41	55.720	- 0	41	41.44	4	9008	SHIRAZ	8622	8	BO	3893
	7	16	18	50	9.9552	3	2	32	10.005	-52	40	47.99	4	9003	WOOMERA	10154	3	GL	3168
	7	16	18	50	33.9546	3	2	50	18.725	-51	23	21.43	4	9003	WOOMERA	10154	9	GL	3169
	7	16	20	48	27.5159	3	20	58	18.005	-42	3	16.10	4	9003	WOOMERA	10158	4	GL	3932
	7	16	20	48	43.5159	3	21	4	14.562	-43	1	48.93	4	9003	WOOMERA	10158	8	GL	3170
	7	16	23	53	56.2760	1	19	52	56.267	47	48	34.38	4	9009	CURACAO	5553	3	PK	3910
	7	17	0	39	25.8706	1	2	28	34.817	-49	20	6.41	4	9002	OLIFANTS	8263	9	MW	3491
	7	17	0	39	33.8711	1	2	32	42.173	-49	1	22.40	4	9002	OLIFANTS	8263	10	MW	4150
	7	17	1	52	11.0808	1	15	35	21.651	21	49	55.78	4	9010	JUPITER	7008	4	HC	3938
	7	17	1	52	27.0820	1	15	50	32.266	19	50	38.60	4	9010	JUPITER	7008	8	HC	3939
	7	17	1	54	11.1814	1	14	3	32.606	50	45	16.37	4	9009	CURACAO	5558	3	PK	3915
	7	17	1	54	19.1813	1	14	10	56.076	50	32	49.27	4	9009	CURACAO	5558	4	PK	3916
	7	17	8	37	6.7312	1	2	55	9.373	-51	14	44.72	4	9011	VILLA DOLO	6164	3	LT	4073
	7	17	8	37	30.7303	1	3	12	34.911	-49	40	42.81	4	9011	VILLA DOLO	6164	6	LT	4074
	7	17	17	36	34.1174	3	14	35	24.183	- 0	39	47.20	4	9008	SHIRAZ	8640	4	PG	3900
	7	17	17	37	6.1199	3	14	57	51.163	- 3	39	26.06	4	9008	SHIRAZ	8640	8	PG	3901
	7	17	18	24	14.3432	3	2	47	9.689	-48	58	0.29	4	9003	WOOMERA	10167	4	PK	3137
	7	17	18	24	34.3426	3	2	59	19.493	-47	50	31.45	4	9003	WOOMERA	10167	9	PK	3138
	7	17	20	26	37.1247	3	0	12	52.222	-58	32	4.28	4	9003	WOOMERA	10173	3	PK	3139
	7	17	20	27	9.1238	3	0	50	26.073	-58	41	42.46	4	9003	WOOMERA	10173	11	PK	3140
	7	17	21	32	17.1729	1	14	49	27.178	-15	56	22.33	4	9004	SAN FERNAN	6034	3	BN	3714
	7	17	21	32	36.4187	1	15	0	45.367	-17	17	4.25	4	9004	SAN FERNAN	6034	5	BN	3715
	7	18	7	22	28.0922	1	14	47	31.319	22	27	51.91	4	9012	MAUI	7064	6	DM	5825
	7	18	7	22	44.0924	1	15	1	23.278	20	44	27.13	4	9012	MAUI	7064	8	DM	4096
	7	18	8	7	52.5091	3	3	14	0.283	-71	18	49.52	4	9007	AREQUIPA	6550	3	VD	3882
	7	18	8	8	24.5084	3	3	36	49.252	-69	17	5.38	4	9007	AREQUIPA	6550	7	VD	3883
	7	18	8	11	28.4647	1	3	18	48.174	-46	12	56.09	4	9011	VILLA DOLO	6178	3	LT	5823
	7	18	8	11	52.4646	1	3	31	50.188	-44	36	21.09	4	9011	VILLA DOLO	6178	6	LT	5822
	7	18	9	25	11.1783	1	14	7	6.987	- 6	53	24.27	4	9012	MAUI	7072	3	DM	4093
	7	18	9	25	19.1781	1	14	9	42.088	- 7	25	47.46	4	9012	MAUI	7072	4	DM	4094
	7	18	10	11	30.4600	3	23	9	52.289	-79	51	46.93	4	9007	AREQUIPA	6554	2	DM	3585
	7	18	10	12	10.4597	3	0	42	31.102	-80	48	15.03	4	9007	AREQUIPA	6554	7	DM	3586
	7	18	10	13	1.5662	1	0	7	43.957	-53	15	59.84	4	9011	VILLA DOLO	6183	3	VD	5824
	7	18	10	13	17.5658	1	0	24	12.284	-53	23	55.59	4	9011	VILLA DOLO	6183	7	VD	4076
	7	18	21	5	50.3859	1	14	33	5.747	-15	44	19.54	4	9004	SAN FERNAN	6051	3	BA	3712
	7	18	21	5	58.3854	1	14	38	12.737	-16	19	47.76	4	9004	SAN FERNAN	6051	4	BA	4163
	7	19	1	2	50.3771	1	15	23	15.400	54	41	3.54	4	9009	CURACAO	5568	4	GL	3911
	7	19	1	2	58.3774	1	15	32	49.294	53	58	16.65	4	9009	CURACAO	5568	6	GL	3912
	7	19	1	47	43.2235	1	23	21	20.409	-67	53	11.78	4	9002	OLIFANTS	8290	10	VD	3494

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	19	1	48	7.2243	1	23	52	24.346	-68	7	9.04	4	9002	OLIFANTS	8290	13	VD	3495
	7	19	3	59	47.7732	1	5	26	36.855	-41	15	5.12	4	9002	OLIFANTS	8299	4	DM	4153
	7	19	4	1	7.7727	1	5	58	0.732	-32	26	11.88	4	9002	OLIFANTS	8299	14	DM	3027
	7	19	4	1	31.7741	1	6	5	54.842	-29	55	55.30	4	9002	OLIFANTS	8299	17	DM	3028
	7	19	6	55	46.6102	1	14	21	10.359	27	59	7.27	4	9012	MAUI	7078	3	DM	4091
	7	19	6	56	10.6101	1	14	44	42.585	25	22	38.69	4	9012	MAUI	7078	6	DM	4092
	7	19	7	41	46.0664	3	3	20	13.021	-67	27	49.07	4	9007	AREQUIPA	6562	3	HC	3587
	7	19	7	42	26.0660	3	3	41	3.064	-64	56	30.32	4	9007	AREQUIPA	6562	8	HC	3588
	7	19	7	45	30.6669	1	3	23	2.608	-42	33	59.07	4	9011	VILLA DOLO	6196	4	DM	4077
	7	19	7	45	46.6668	1	3	30	13.811	-41	33	28.10	4	9011	VILLA DOLO	6196	6	DM	4078
	7	19	8	59	59.9038	1	14	15	0.971	-11	56	49.76	4	9012	MAUI	7087	3	DM	4089
	7	19	9	0	7.9042	1	14	17	54.957	-12	34	1.67	4	9012	MAUI	7087	4	DM	4090
	7	19	9	44	51.6739	3	23	31	37.153	-80	2	0.07	4	9007	AREQUIPA	6565	3	HC	3589
	7	19	9	45	31.6732	3	1	3	20.776	-80	17	32.93	4	9007	AREQUIPA	6565	8	HC	3590
	7	19	17	32	52.2455	3	3	10	37.398	-40	14	1.78	4	9003	WOOMERA	10176	2	PK	4155
	7	19	17	33	20.2452	3	3	21	0.370	-38	47	50.85	4	9003	WOOMERA	10176	9	PK	3142
	7	19	18	49	39.5049	3	14	54	8.911	-28	29	33.09	4	9008	SHIRAZ	8679	3	BA	3783
	7	19	19	35	44.0497	3	2	37	58.379	-52	58	37.02	4	9003	WOOMERA	10179	3	PK	3143
	7	19	19	36	8.0492	3	2	57	24.643	-51	11	28.12	4	9003	WOOMERA	10179	9	PK	3144
	7	20	0	37	5.8072	1	16	14	50.306	54	12	52.65	4	9009	CURACAO	5574	4	PL	6449
	7	20	0	37	13.8073	1	16	23	50.853	53	8	45.51	4	9009	CURACAO	5574	6	PL	6450
	7	20	1	22	7.7634	1	0	46	36.239	-66	22	34.87	4	9002	OLIFANTS	8312	8	VD	3071
	7	20	1	23	3.7638	1	1	44	54.109	-64	8	24.38	4	9002	OLIFANTS	8312	15	VD	3072
	7	20	7	19	40.2409	1	3	26	16.586	-38	42	30.49	4	9011	VILLA DOLO	6209	3	PL	3956
	7	20	7	20	12.2409	1	3	37	45.284	-36	51	34.00	4	9011	VILLA DOLO	6209	7	PL	3957
	7	20	9	19	17.6648	3	2	11	36.011	-78	35	54.99	4	9007	AREQUIPA	6578	3	DM	3591
	7	20	9	19	49.6642	3	3	1	18.792	-76	53	48.11	4	9007	AREQUIPA	6578	7	DM	3592
	7	20	9	21	32.0632	1	1	50	57.803	-51	24	4.76	4	9011	VILLA DOLO	6213	3	PL	3963
	7	20	9	21	56.0628	1	2	12	49.034	-49	57	21.30	4	9011	VILLA DOLO	6213	9	PL	3964
	7	20	18	23	24.4448	3	14	44	27.147	-29	50	17.48	4	9008	SHIRAZ	8696	6	BO	3890
	7	20	18	23	40.4449	3	14	51	2.841	-30	56	25.36	4	9008	SHIRAZ	8696	8	BO	3891
	7	21	0	12	10.4952	1	17	44	10.859	42	35	46.46	4	9009	CURACAO	5584	3	PL	6447
	7	21	0	12	42.4973	1	18	3	58.130	36	52	38.20	4	9009	CURACAO	5584	7	PL	6448
	7	21	0	58	2.5111	1	2	47	24.127	-56	26	27.03	4	9002	OLIFANTS	8326	12	GL	2820
	7	21	0	58	10.5112	1	2	51	44.777	-55	55	0.81	4	9002	OLIFANTS	8326	13	GL	2821
	7	21	2	11	9.8014	1	14	13	31.681	-15	35	16.80	4	9010	JUPITER	7040	3	MW	3940
	7	21	2	11	17.8007	1	14	18	25.335	-16	22	7.54	4	9010	JUPITER	7040	5	MW	3941
	7	21	2	55	4.7299	1	19	51	28.541	-49	29	34.74	4	9002	OLIFANTS	8328	3	MW	3024
	7	21	2	55	36.7301	1	20	3	2.060	-51	25	12.05	4	9002	OLIFANTS	8328	7	MW	3025
	7	21	4	9	53.1962	1	14	33	30.239	-27	31	12.04	4	9001	ORGAN PASS	7160	3	PK	3010
	7	21	4	10	9.1943	1	14	41	40.173	-28	40	5.83	4	9001	ORGAN PASS	7160	5	PK	4149
	7	21	8	53	21.1233	3	3	13	27.211	-74	37	56.41	4	9007	AREQUIPA	6590	3	DM	3593
	7	21	8	54	9.1222	3	3	54	15.978	-71	9	12.41	4	9007	AREQUIPA	6590	9	DM	3594
	7	21	8	55	51.3624	1	2	34	20.041	-47	4	44.39	4	9011	VILLA DOLO	6215	3	GL	5922
	7	21	8	56	3.3624	1	2	43	0.903	-46	9	15.23	4	9011	VILLA DOLO	6215	6	GL	3978

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	21	15	59	9.3454	1	14	49	59.474	-31	46	2.38	4	9006	NAIN TAL	4746	4	MW	3942
	7	21	15	59	48.7151	1	15	8	57.292	-34	30	44.10	4	9006	NAIN TAL	4746	8	MW	4171
	7	21	17	56	36.6731	3	14	20	51.298	-28	49	15.29	4	9008	SHIRAZ	8718	2	PG	3904
	7	21	17	57	16.6742	3	14	38	39.527	-31	43	51.86	4	9008	SHIRAZ	8718	7	PG	3905
	7	22	0	31	55.7986	1	2	50	37.642	-52	34	36.43	4	9002	OLIFANTS	8340	5	DM	3031
	7	22	0	32	53.8421	1	3	13	48.401	-48	54	51.77	4	9002	OLIFANTS	8340	13	DM	3032
	7	22	0	34	25.5218	1	3	42	52.295	-43	17	22.01	4	9002	OLIFANTS	8340	20	DM	3497
	7	22	1	47	51.6905	1	13	37	56.176	7	31	2.39	4	9009	CURACAO	5601	3	LT	3784
	7	22	1	48	15.6903	1	13	51	5.628	5	3	34.81	4	9009	CURACAO	5601	6	LT	3785
	7	22	2	29	57.2769	1	20	22	34.159	-56	51	2.30	4	9002	OLIFANTS	8342	3	VD	3073
	7	22	2	30	45.2777	1	20	51	7.324	-59	44	49.25	4	9002	OLIFANTS	8342	9	VD	3074
	7	22	7	42	11.9564	1	14	6	15.171	-19	27	39.92	4	9012	MAUI	7129	3	PG	4056
	7	22	7	42	43.9587	1	14	22	17.775	-22	38	4.26	4	9012	MAUI	7129	7	PG	4057
	7	22	8	27	26.3491	3	3	42	32.947	-69	38	39.58	4	9007	AREQUIPA	6603	5	DM	3595
	7	22	8	28	14.3483	3	4	8	5.216	-65	57	49.49	4	9007	AREQUIPA	6603	11	DM	3596
	7	22	8	28	59.8896	1	2	19	23.812	-47	17	30.26	4	9011	VILLA DOLO	6225	3	PK	3975
	7	22	8	29	47.8880	1	2	50	32.252	-43	37	7.86	4	9011	VILLA DOLO	6225	9	PK	3976
	7	22	17	30	24.0738	3	14	12	27.467	-30	19	1.99	4	9008	SHIRAZ	8733	3	GL	3919
	7	22	17	30	40.0732	3	14	20	10.952	-31	32	1.49	4	9008	SHIRAZ	8733	5	GL	3920
	7	23	0	6	47.7139	1	3	9	17.742	-45	25	25.32	4	9002	OLIFANTS	8350	7	VD	3075
	7	23	0	7	35.7145	1	3	23	0.890	-42	41	16.91	4	9002	OLIFANTS	8350	13	VD	3076
	7	23	1	21	27.7810	1	13	23	9.127	9	52	55.67	4	9009	CURACAO	5619	3	BN	3774
	7	23	1	21	51.7803	1	13	37	51.046	7	15	28.79	4	9009	CURACAO	5619	6	BN	4168
	7	23	3	16	19.8374	1	13	39	52.764	-24	39	41.55	4	9001	ORGAN PASS	7182	4	DM	2929
	7	23	3	16	35.8366	1	13	49	31.239	-26	0	46.24	4	9001	ORGAN PASS	7182	6	DM	2930
	7	23	8	3	53.2885	1	3	5	8.292	-39	16	29.36	4	9011	VILLA DOLO	6236	3	PK	3973
	7	23	8	4	9.2882	1	3	12	30.413	-38	0	59.18	4	9011	VILLA DOLO	6236	5	PK	3974
	7	23	17	3	49.6929	3	13	53	35.210	-30	4	43.18	4	9008	SHIRAZ	8754	5	PK	3923
	7	23	17	4	29.6942	3	14	14	34.664	-33	14	56.54	4	9008	SHIRAZ	8754	10	PK	3924
	7	23	17	52	6.2198	3	3	27	17.444	-35	47	4.18	4	9003	WOOMERA	10223	3	PK	3145
	7	23	17	52	38.2195	3	3	37	19.377	-33	37	47.64	4	9003	WOOMERA	10223	11	PK	3146
	7	23	19	54	58.4878	3	2	16	49.053	-36	0	31.87	4	9003	WOOMERA	10227	2	PK	3147
	7	23	19	55	26.4867	3	2	35	5.011	-33	37	7.57	4	9003	WOOMERA	10227	9	PK	3148
	7	24	1	39	37.3238	1	23	11	27.147	-66	45	54.57	4	9002	OLIFANTS	8369	6	GL	2813
	7	24	1	40	1.3243	1	23	40	5.514	-66	35	36.25	4	9002	OLIFANTS	8369	9	GL	2814
	7	24	1	46	27.9572	1	4	6	26.047	-40	9	54.34	4	9002	OLIFANTS	8369	17	GL	2815
	7	24	6	53	0.4950	1	15	55	18.520	-40	11	55.17	4	9012	MAUI	7141	6	HC	4087
	7	24	6	53	8.4969	1	16	0	10.545	-40	43	58.57	4	9012	MAUI	7141	7	HC	4088
	7	24	7	35	40.4551	3	3	57	5.097	-59	0	25.23	4	9007	AREQUIPA	6626	3	DM	3597
	7	24	7	36	12.4548	3	4	6	2.428	-56	42	9.84	4	9007	AREQUIPA	6626	7	DM	3598
	7	24	7	37	52.0100	1	3	10	45.513	-35	32	50.12	4	9011	VILLA DOLO	6249	3	GL	3971
	7	24	7	38	8.0098	1	3	16	46.694	-34	22	9.61	4	9011	VILLA DOLO	6249	5	GL	3972
	7	24	9	39	55.6027	1	0	59	47.317	-33	2	22.07	4	9011	VILLA DOLO	6254	4	GL	3969
	7	24	9	39	58.0584	3	2	56	25.154	-65	16	41.08	4	9007	AREQUIPA	6631	3	DM	3702
	7	24	9	40	19.6022	1	1	16	36.717	-31	30	32.82	4	9011	VILLA DOLO	6254	10	GL	3970

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	24	9	40	46.0596	3	3	33	10.106	-61	28	28.50	4	9007	AREQUIPA	6631	9	DM	3703
	7	24	17	25	12.7466	3	3	9	22.229	-35	46	28.22	4	9003	WOOMERA	10238	2	PK	3149
	7	24	17	25	36.7464	3	3	16	39.226	-34	14	23.29	4	9003	WOOMERA	10238	8	PK	3150
	7	24	19	28	23.1522	3	2	16	38.403	-35	50	44.40	4	9003	WOOMERA	10242	3	PK	3151
	7	24	19	28	59.1507	3	2	37	56.313	-32	46	28.65	4	9003	WOOMERA	10242	12	PK	3152
	7	25	0	35	12.9128	3	18	11	3.311	42	20	26.94	4	9007	AREQUIPA	6640	10	VD	3874
	7	25	0	35	20.9123	3	18	14	44.374	41	30	4.88	4	9007	AREQUIPA	6640	11	VD	3875
	7	25	1	15	13.6141	1	1	42	40.422	-60	38	16.95	4	9002	OLIFANTS	8380	9	VD	3077
	7	25	1	15	53.6161	1	2	11	16.535	-57	48	18.72	4	9002	OLIFANTS	8380	14	VD	3078
	7	25	7	8	37.1650	3	3	36	17.848	-58	50	6.04	4	9007	AREQUIPA	6642	3	VD	3872
	7	25	7	9	33.1646	3	3	51	0.838	-54	57	56.28	4	9007	AREQUIPA	6642	10	VD	3873
	7	25	7	11	25.2168	1	3	4	4.529	-33	46	40.97	4	9011	VILLA DOLO	6264	3	PL	3954
	7	25	7	11	49.2164	1	3	11	59.740	-32	7	54.96	4	9011	VILLA DOLO	6264	6	PL	4172
	7	25	9	13	28.7852	3	3	6	59.667	-63	6	39.95	4	9007	AREQUIPA	6646	3	DM	3599
	7	25	9	14	16.7843	3	3	37	3.515	-59	7	5.48	4	9007	AREQUIPA	6646	9	DM	3600
	7	25	9	14	51.6865	1	2	1	49.707	-26	58	58.21	4	9011	VILLA DOLO	6268	3	GL	3981
	7	25	9	15	7.6863	1	2	11	17.902	-25	38	53.65	4	9011	VILLA DOLO	6268	7	GL	3982
	7	25	19	2	16.7620	3	2	32	8.359	-32	53	6.06	4	9003	WOOMERA	10255	2	LT	3388
	7	25	19	2	36.7613	3	2	42	17.278	-31	10	57.80	4	9003	WOOMERA	10255	7	LT	3389
	7	26	0	5	21.9376	1	15	29	19.956	- 9	50	59.81	4	9009	CURACAO	5647	3	LT	3779
	7	26	0	5	37.9382	1	15	43	2.017	-12	24	45.08	4	9009	CURACAO	5647	5	LT	3780
	7	26	0	49	48.3368	1	2	27	48.547	-53	21	47.20	4	9002	OLIFANTS	8395	4	GL	2822
	7	26	0	50	28.3380	1	2	46	12.048	-50	15	23.06	4	9002	OLIFANTS	8395	9	GL	2823
	7	26	2	8	28.9588	1	13	32	40.569	-29	55	59.42	4	9009	CURACAO	5653	3	GL	3917
	7	26	2	8	36.9586	1	13	35	19.947	-30	40	40.05	4	9009	CURACAO	5653	4	GL	4166
	7	26	2	47	34.0180	1	20	28	27.159	-47	0	39.93	4	9002	OLIFANTS	8400	3	VD	3079
	7	26	2	48	22.0187	1	20	50	54.043	-48	30	38.82	4	9002	OLIFANTS	8400	9	VD	3080
	7	26	17	53	24.7310	1	18	22	18.919	35	33	33.75	4	9002	OLIFANTS	8412	10	GL	2828
	7	26	17	53	48.7325	1	18	31	59.214	33	23	33.83	4	9002	OLIFANTS	8412	13	GL	2829
	7	26	18	36	21.4715	1	2	47	49.780	-28	47	25.40	4	9003	WOOMERA	10266	2	PK	3153
	7	26	18	36	53.4710	1	3	0	47.947	-26	11	1.78	4	9003	WOOMERA	10266	10	PK	3154
	7	26	20	38	7.3438	1	0	14	32.691	-15	24	39.33	4	9003	WOOMERA	10271	4	GL	2816
	7	26	20	38	19.3437	1	0	20	54.485	-14	37	7.86	4	9003	WOOMERA	10271	7	GL	2817
	7	26	23	44	21.4233	1	18	54	53.669	30	27	26.25	4	9007	AREQUIPA	6650	4	DM	3700
	7	26	23	45	9.4229	1	19	9	49.424	25	16	30.63	4	9007	AREQUIPA	6650	10	DM	3701
	7	27	2	22	45.7703	1	21	24	10.488	-52	19	47.35	4	9002	OLIFANTS	8415	3	HC	3081
	7	27	2	23	25.7714	1	21	51	20.465	-53	2	59.84	4	9002	OLIFANTS	8415	8	HC	3082
	7	27	8	21	55.4311	1	3	50	16.662	-50	37	45.94	4	9007	AREQUIPA	6657	3	MW	3698
	7	27	8	22	19.4304	1	3	58	4.503	-48	34	10.22	4	9007	AREQUIPA	6657	6	MW	3699
	7	27	18	10	7.4197	1	2	51	7.550	-26	14	17.73	4	9003	WOOMERA	10276	2	VD	3374
	7	27	18	10	39.4192	1	3	2	10.982	-23	48	21.95	4	9003	WOOMERA	10276	10	VD	3375
	7	27	23	59	58.5134	1	3	15	34.770	-34	59	30.19	4	9002	OLIFANTS	8421	6	HC	3083
	7	28	0	0	30.5142	1	3	22	17.690	-32	59	57.83	4	9002	OLIFANTS	8421	10	HC	3084
	7	28	1	17	26.3377	1	13	49	28.838	-42	45	16.95	4	9009	CURACAO	5668	4	BN	4167
	7	28	1	17	34.3377	1	13	53	14.446	-43	32	41.03	4	9009	CURACAO	5668	5	BN	3773

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	28	1	18	27.7012	1	14	54	59.684	23	45	4.38	4	9007	AREQUIPA	6665 4	MW	3696
	7	28	1	18	39.7016	1	15	1	54.517	22	37	16.27	4	9007	AREQUIPA	6665 7	MW	3697
	7	28	11	8	46.7654	1	16	15	50.804	40	1	31.39	4	9003	WOOMERA	10280 2	VD	3376
	7	28	11	9	22.7652	1	16	33	42.855	37	48	7.76	4	9003	WOOMERA	10280 11	VD	3377
	7	28	17	44	53.2179	1	3	9	5.545	-19	36	4.03	4	9003	WOOMERA	10282 2	MW	3378
	7	28	17	45	21.2176	1	3	16	30.006	-17	45	27.21	4	9003	WOOMERA	10282 9	MW	3379
	7	28	19	1	39.9042	1	15	12	31.590	24	59	37.55	4	9002	OLIFANTS	8435 6	DM	3227
	7	28	19	2	19.9049	1	15	31	44.310	22	6	36.33	4	9002	OLIFANTS	8435 11	DM	3228
	7	28	19	46	20.9558	1	1	3	17.870	-11	21	42.58	4	9003	WOOMERA	10286 2	MW	3380
	7	28	19	46	40.9554	1	1	13	33.786	- 9	47	7.35	4	9003	WOOMERA	10286 7	MW	7286
	7	29	0	52	28.8769	1	15	10	22.160	24	24	8.28	4	9007	AREQUIPA	6674 3	MW	3884
	7	29	0	52	42.9969	1	15	19	40.329	22	51	12.82	4	9007	AREQUIPA	6674 6	MW	3885
	7	29	1	32	29.0821	1	0	5	31.485	-52	53	8.07	4	9002	OLIFANTS	8440 4	VD	3229
	7	29	1	39	55.8147	1	3	41	35.693	-17	19	6.57	4	9002	OLIFANTS	8440 16	VD	3230
	7	29	7	29	11.0055	1	3	41	15.122	-44	10	42.69	4	9007	AREQUIPA	6676 4	VD	3876
	7	29	7	30	7.0050	1	3	53	43.314	-39	54	3.34	4	9007	AREQUIPA	6676 11	VD	3877
	7	29	9	33	20.7284	1	2	18	4.299	-37	52	33.35	4	9007	AREQUIPA	6681 3	VD	3694
	7	29	9	34	0.7280	1	2	40	10.385	-34	0	52.63	4	9007	AREQUIPA	6681 8	VD	3695
	7	29	18	36	23.8783	1	15	45	38.374	22	11	58.54	4	9002	OLIFANTS	8451 5	VD	3231
	7	29	18	37	41.2325	1	16	30	31.840	14	42	1.02	4	9002	OLIFANTS	8451 14	VD	3232
	7	30	0	26	33.3449	1	15	33	48.166	24	15	16.46	4	9007	AREQUIPA	6686 3	VD	3692
	7	30	0	26	37.3446	1	15	36	43.613	23	44	47.51	4	9007	AREQUIPA	6686 4	VD	3693
	7	30	0	29	13.5519	1	16	7	50.660	34	18	31.02	4	9011	VILLA DOLO	6279 3	PK	3967
	7	30	0	29	37.5521	1	16	20	15.701	32	41	19.65	4	9011	VILLA DOLO	6279 6	PK	3968
	7	30	1	7	27.2218	1	1	21	45.651	-45	28	49.14	4	9002	OLIFANTS	8458 5	HC	3496
	7	30	1	7	35.2219	1	1	26	16.330	-44	50	21.31	4	9002	OLIFANTS	8458 6	HC	3023
	7	30	3	5	32.1841	1	20	56	55.735	-31	23	45.12	4	9002	OLIFANTS	8466 8	GL	2824
	7	30	3	5	40.1838	1	20	59	48.739	-31	20	34.77	4	9002	OLIFANTS	8466 9	GL	2825
	7	30	7	4	30.1236	1	2	50	5.158	-13	44	22.72	4	9011	VILLA DOLO	6281 3	PL	5921
	7	30	7	5	2.1234	1	2	58	33.670	-11	44	29.08	4	9011	VILLA DOLO	6281 7	PL	3960
	7	30	9	6	21.9680	1	0	57	25.049	- 0	33	12.64	4	9011	VILLA DOLO	6283 3	PL	3958
	7	30	9	6	53.9670	1	1	11	55.078	1	50	19.34	4	9011	VILLA DOLO	6283 7	PL	3959
	7	30	10	17	59.9920	1	17	16	50.911	34	8	2.36	4	9003	WOOMERA	10310 2	HC	3381
	7	30	10	18	31.9921	1	17	32	50.279	31	19	29.59	4	9003	WOOMERA	10310 10	HC	4157
	7	30	18	12	13.8777	1	17	11	28.408	10	2	57.24	4	9002	OLIFANTS	8471 12	VD	3021
	7	30	18	12	37.8786	1	17	26	57.713	7	9	11.61	4	9002	OLIFANTS	8471 18	VD	3022
	7	30	18	54	37.6175	1	1	49	23.738	- 5	23	48.77	4	9003	WOOMERA	10315 4	HC	3368
	7	30	18	55	1.6171	1	1	59	18.790	- 3	35	56.18	4	9003	WOOMERA	10315 10	HC	3369
	7	30	23	56	53.5470	1	12	38	9.490	-37	37	8.09	4	9009	CURACAO	5690 4	BN	3771
	7	30	23	57	25.5476	1	12	57	8.172	-41	42	29.58	4	9009	CURACAO	5690 8	BN	3772
	7	31	0	1	32.5844	1	16	43	58.470	14	53	0.11	4	9007	AREQUIPA	6689 5	VD	3690
	7	31	0	1	40.5845	1	16	49	54.315	13	36	15.58	4	9007	AREQUIPA	6689 6	VD	3691
	7	31	0	4	1.7463	1	16	46	20.495	30	43	10.69	4	9011	VILLA DOLO	6290 4	PK	3965
	7	31	0	4	45.7459	1	17	10	17.385	26	56	0.63	4	9011	VILLA DOLO	6290 15	PK	3966
	7	31	0	42	27.5566	1	2	9	56.198	-35	40	25.89	4	9002	OLIFANTS	8477 6	MW	3029

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	31	0	42	43.5570	1	2	15	51.850	-34	20	36.65	4	9002	OLIFANTS	8477	8	MW	3030
	7	31	2	3	27.5357	1	13	34	56.089	-13	57	25.68	4	9007	AREQUIPA	6692	3	DM	3706
	7	31	2	3	51.5360	1	13	42	30.030	-16	37	24.10	4	9007	AREQUIPA	6692	6	DM	3707
	7	31	2	40	27.5235	1	21	28	13.923	-32	4	31.40	4	9002	OLIFANTS	8484	3	DM	2926
	7	31	2	40	51.5237	1	21	38	50.565	-31	38	9.16	4	9002	OLIFANTS	8484	6	DM	2927
	7	31	6	36	20.7735	1	3	24	52.047	-38	34	52.57	4	9007	AREQUIPA	6693	5	PG	3906
	7	31	6	37	0.7732	1	3	31	47.666	-35	53	28.23	4	9007	AREQUIPA	6693	10	PG	3907
	7	31	8	40	24.3176	1	1	16	28.999	1	43	30.69	4	9011	VILLA DOLO	6294	3	PL	3961
	7	31	8	40	58.1071	1	2	50	47.560	-30	53	27.12	4	9007	AREQUIPA	6695	4	DM	4161
	7	31	8	41	4.3167	1	1	33	19.945	4	34	51.82	4	9011	VILLA DOLO	6294	8	PL	3962
	7	31	8	41	38.1060	1	3	6	32.501	-27	1	55.30	4	9007	AREQUIPA	6695	9	DM	4162
	7	31	9	55	7.5844	1	18	52	25.397	15	11	17.79	4	9003	WOOMERA	10321	4	HC	3382
	7	31	9	55	57.1290	1	19	11	59.042	10	48	19.15	4	9003	WOOMERA	10321	13	HC	3383
	7	31	17	40	58.0197	1	14	13	43.379	38	48	29.55	4	9002	OLIFANTS	8491	6	VD	3233
	7	31	17	41	54.0231	1	14	45	54.157	35	28	15.35	4	9002	OLIFANTS	8491	13	VD	3234
	7	31	17	46	35.1213	1	17	47	6.991	6	3	32.61	4	9002	OLIFANTS	8492	6	MW	3235
	7	31	17	48	2.5849	1	18	40	47.719	- 4	1	47.10	4	9002	OLIFANTS	8492	14	MW	3236
	7	31	23	38	7.0284	1	17	3	18.820	29	35	22.00	4	9011	VILLA DOLO	6300	3	PL	5919
	7	31	23	38	27.0283	1	17	14	16.437	27	43	52.72	4	9011	VILLA DOLO	6300	8	PL	5920
	8	1	0	17	35.4971	1	2	38	54.608	-25	48	27.99	4	9002	OLIFANTS	8495	8	HB	7221
	8	1	0	17	51.4973	1	2	43	1.359	-24	38	30.83	4	9002	OLIFANTS	8495	10	HB	6000
	8	1	1	36	46.9757	1	13	17	22.228	-11	59	31.64	4	9007	AREQUIPA	6709	3	LE	6568
	8	1	2	15	30.5094	1	22	16	18.597	-31	4	58.52	4	9002	OLIFANTS	8499	4	HB	6001
	8	1	2	16	10.5092	1	22	37	9.927	-29	29	54.23	4	9002	OLIFANTS	8499	9	HB	6002
	8	1	8	15	10.8931	1	3	8	5.477	-24	55	50.52	4	9007	AREQUIPA	6711	3	LE	7185
	8	1	8	15	50.8929	1	3	20	43.116	-21	20	38.14	4	9007	AREQUIPA	6711	8	LE	7186
	8	1	10	11	19.6391	1	22	15	47.262	0	7	54.68	4	9011	VILLA DOLO	6305	3	WS	7331
	8	1	10	11	59.6381	1	22	26	45.555	2	4	41.90	4	9011	VILLA DOLO	6305	8	WS	7332
	8	1	10	15	15.1647	1	23	20	41.113	-15	15	23.34	4	9007	AREQUIPA	6718	6	LE	6569
	8	1	10	15	39.1640	1	23	30	22.408	-13	37	5.71	4	9007	AREQUIPA	6718	9	LE	6570
	8	1	11	27	21.8965	1	14	52	38.759	14	45	2.13	4	9003	WOOMERA	10332	3	WS	6287
	8	1	11	27	45.8962	1	15	4	15.613	12	51	0.05	4	9003	WOOMERA	10332	9	WS	6288
	8	1	17	22	45.1940	1	19	19	18.454	- 8	48	56.97	4	9002	OLIFANTS	8507	13	PB	7222
	8	1	17	23	33.1946	1	19	42	19.116	-12	25	34.82	4	9002	OLIFANTS	8507	19	PB	6003
	8	1	19	18	11.2540	1	13	21	39.639	4	2	12.41	4	9002	OLIFANTS	8511	6	PB	6004
	8	1	19	20	39.4456	1	14	7	30.167	- 8	37	56.50	4	9002	OLIFANTS	8511	14	PB	6005
	8	1	23	13	33.9963	1	18	2	14.766	19	42	34.69	4	9011	VILLA DOLO	6307	3	LE	7530
	8	1	23	13	45.9965	1	18	8	12.139	18	29	34.27	4	9011	VILLA DOLO	6307	6	LE	8838
	8	2	1	13	38.2694	1	14	39	7.522	7	34	47.53	4	9011	VILLA DOLO	6309	3	NG	7102
	8	2	1	14	2.2689	1	14	49	32.735	5	38	27.03	4	9011	VILLA DOLO	6309	6	NG	7103
	8	2	1	52	38.6389	1	0	22	10.085	-18	18	0.27	4	9002	OLIFANTS	8515	6	PB	6006
	8	2	1	53	34.6373	1	0	49	31.784	-13	44	18.39	4	9002	OLIFANTS	8515	13	PB	6007
	8	2	3	51	54.1401	1	21	53	39.363	- 6	44	29.06	4	9002	OLIFANTS	8529	4	WS	6008
	8	2	3	52	6.1399	1	21	56	49.514	- 6	12	45.73	4	9002	OLIFANTS	8529	7	WS	6009
	8	2	3	53	47.0085	1	22	24	10.271	- 1	16	1.66	4	9002	OLIFANTS	8530	5	PB	6010

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	2	3	54	36.6833	1	22	38	9.200	1	30	39.92	4	9002	OLIFANTS	8530	9	PB	6011
	8	2	7	49	15.0779	1	2	3	47.528	8	50	6.48	4	9011	VILLA DOLO	6312	3	BZ	7532
	8	2	7	49	47.0776	1	2	14	8.769	10	38	57.02	4	9011	VILLA DOLO	6312	7	BZ	7533
	8	2	9	48	48.1321	1	23	21	46.959	13	53	27.01	4	9011	VILLA DOLO	6318	3	WS	7333
	8	2	9	49	20.1316	1	23	31	50.576	15	55	2.79	4	9011	VILLA DOLO	6318	7	WS	7334
	8	2	16	48	41.8673	1	14	28	27.527	42	43	39.58	4	9002	OLIFANTS	8531	4	WS	6012
	8	2	16	49	21.8685	1	14	56	5.460	39	51	41.42	4	9002	OLIFANTS	8531	9	WS	6013
	8	2	16	57	50.2691	1	19	56	50.346	-13	25	0.63	4	9002	OLIFANTS	8533	6	WS	6014
	8	2	16	58	46.2709	1	20	18	9.443	-16	12	38.54	4	9002	OLIFANTS	8533	13	WS	6015
	8	2	18	56	16.6790	1	14	58	2.210	-23	22	25.62	4	9002	OLIFANTS	8537	4	SE	6339
	8	2	18	56	40.6795	1	15	12	48.239	-26	41	4.24	4	9002	OLIFANTS	8537	7	SE	6340
	8	2	19	38	17.8024	3	0	19	15.857	16	49	45.61	4	9003	WOOMERA	10340	4	WS	6289
	8	2	19	38	33.8020	3	0	25	13.601	17	53	44.62	4	9003	WOOMERA	10340	8	WS	6290
	8	2	22	47	46.4207	1	18	17	53.378	16	48	43.43	4	9011	VILLA DOLO	6322	3	HB	7540
	8	2	22	47	58.4205	1	18	23	23.540	15	37	2.13	4	9011	VILLA DOLO	6322	6	HB	7672
	8	3	0	47	1.5815	1	14	27	12.567	10	22	50.60	4	9011	VILLA DOLO	6324	5	CB	7541
	8	3	0	47	13.5815	1	14	32	46.672	9	24	36.80	4	9011	VILLA DOLO	6324	8	CB	7542
	8	3	1	25	54.8966	1	0	26	34.528	-18	38	15.55	4	9002	OLIFANTS	8540	5	SE	6071
	8	3	1	26	18.8970	1	0	38	2.405	-16	40	53.75	4	9002	OLIFANTS	8540	8	SE	6072
	8	3	3	37	53.0008	1	1	59	8.490	41	41	25.65	4	9002	OLIFANTS	8552	3	SE	6073
	8	3	3	38	9.0005	1	2	5	29.003	42	33	49.05	4	9002	OLIFANTS	8552	5	SE	6074
	8	3	7	22	48.8534	1	2	4	52.652	8	56	30.89	4	9011	VILLA DOLO	6328	4	BZ	7534
	8	3	7	23	20.8533	1	2	14	19.225	10	37	56.44	4	9011	VILLA DOLO	6328	8	BZ	7535
	8	3	9	28	28.9022	1	1	57	38.204	-45	56	56.34	4	9009	CURACAO	5726	3	HB	6843
	8	3	9	28	52.9014	1	2	8	52.042	-44	37	56.86	4	9009	CURACAO	5726	6	HB	6844
	8	3	10	35	53.5578	3	15	35	51.449	11	54	13.83	4	9003	WOOMERA	10350	6	WS	6291
	8	3	10	36	5.5576	3	15	43	55.172	10	37	5.29	4	9003	WOOMERA	10350	9	WS	6292
	8	3	16	30	50.9600	1	19	37	44.510	- 9	45	27.81	4	9002	OLIFANTS	8555	3	SS	6075
	8	3	16	31	14.9620	1	19	47	1.750	-11	14	48.21	4	9002	OLIFANTS	8555	6	SS	6076
	8	3	18	31	9.5209	1	16	0	40.422	-35	13	55.31	4	9002	OLIFANTS	8559	4	SE	6077
	8	3	18	31	29.5206	1	16	19	5.071	-37	50	31.73	4	9002	OLIFANTS	8559	8	SE	7660
	8	3	19	12	43.0269	3	0	43	51.357	20	44	3.53	4	9003	WOOMERA	10356	3	WS	6293
	8	3	19	12	59.0268	3	0	49	43.012	21	42	45.13	4	9003	WOOMERA	10356	7	WS	6294
	8	4	0	19	19.4406	1	13	46	15.678	-28	16	39.59	4	9007	AREQUIPA	6749	2	SS	7063
	8	4	0	19	39.4393	1	14	0	52.389	-31	56	23.39	4	9007	AREQUIPA	6749	7	SS	7064
	8	4	0	19	55.4394	1	14	13	26.381	-34	50	23.70	4	9007	AREQUIPA	6749	11	SS	7065
	8	4	0	21	32.3354	1	14	51	42.420	7	30	46.26	4	9011	VILLA DOLO	6333	3	HB	7536
	8	4	0	21	48.3354	1	15	1	10.694	5	54	49.29	4	9011	VILLA DOLO	6333	7	HB	7537
	8	4	1	1	5.3099	1	1	19	18.273	- 9	22	14.49	4	9002	OLIFANTS	8564	8	NG	6031
	8	4	1	1	37.3106	1	1	31	19.960	- 6	52	12.86	4	9002	OLIFANTS	8564	12	NG	6032
	8	4	1	4	49.3136	1	2	33	0.872	6	18	0.27	4	9002	OLIFANTS	8565	3	NG	6079
	8	4	1	6	9.3137	1	2	54	42.742	10	47	28.95	4	9002	OLIFANTS	8565	13	NG	6080
	8	4	2	22	29.0748	1	12	56	0.851	-35	35	17.05	4	9007	AREQUIPA	6752	3	CB	7066
	8	4	2	22	53.0743	1	13	0	48.122	-37	58	30.73	4	9007	AREQUIPA	6752	6	CB	7067
	8	4	2	23	25.0752	1	13	7	35.169	-41	15	7.06	4	9007	AREQUIPA	6752	10	CB	7068

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	4	2	59	0.6849	1	21	45	33.453	- 6	24	37.85	4	9002	OLIFANTS	8572	12	NG	6081
	8	4	2	59	32.6840	1	21	55	14.083	- 4	47	43.40	4	9002	OLIFANTS	8572	16	NG	6082
	8	4	3	10	24.3530	1	1	40	49.547	38	6	50.74	4	9002	OLIFANTS	8573	8	SS	6083
	8	4	3	12	0.3533	1	2	17	55.782	43	3	25.00	4	9002	OLIFANTS	8573	20	SS	6084
	8	4	6	57	5.3228	1	3	17	2.936	-13	19	30.43	4	9007	AREQUIPA	6753	2	WS	6946
	8	4	6	57	37.3229	1	3	23	18.500	-11	13	50.29	4	9007	AREQUIPA	6753	4	WS	6945
	8	4	8	57	31.7358	1	23	57	24.308	21	50	28.06	4	9011	VILLA DOLO	6342	3	HB	7538
	8	4	8	58	3.7352	1	0	8	17.784	23	47	47.74	4	9011	VILLA DOLO	6342	7	HB	7539
	8	4	9	0	11.6406	1	1	45	10.430	8	12	31.55	4	9007	AREQUIPA	6757	4	WS	6947
	8	4	9	0	35.6401	1	1	55	21.923	10	17	36.53	4	9007	AREQUIPA	6757	7	WS	6948
	8	4	9	4	27.7130	1	3	11	8.629	-34	27	42.70	4	9009	CURACAO	5736	3	HB	6845
	8	4	9	4	43.7128	1	3	17	40.448	-33	13	0.45	4	9009	CURACAO	5736	5	HB	6846
	8	4	10	10	52.9195	3	16	41	52.288	4	6	18.97	4	9003	WOOMERA	10366	5	PB	6295
	8	4	10	11	0.9188	3	16	48	2.458	3	6	25.11	4	9003	WOOMERA	10366	7	PB	6296
	8	4	12	11	31.5907	3	13	48	27.784	-10	5	17.95	4	9003	WOOMERA	10369	4	PB	6297
	8	4	12	11	59.5903	3	13	57	31.637	-12	34	36.31	4	9003	WOOMERA	10369	11	PB	6298
	8	4	18	5	34.1798	1	17	7	27.478	-41	34	13.26	4	9002	OLIFANTS	8583	9	SS	6085
	8	4	18	6	27.3353	1	18	6	27.797	-45	26	56.08	4	9002	OLIFANTS	8583	15	SS	6086
	8	4	18	46	58.8731	3	1	4	42.202	23	34	55.18	4	9003	WOOMERA	10375	3	SE	6299
	8	4	18	47	10.8728	3	1	8	53.864	24	14	4.11	4	9003	WOOMERA	10375	6	SE	6300
	8	4	23	55	45.0847	1	15	16	3.320	5	36	41.09	4	9011	VILLA DOLO	6350	3	LE	7417
	8	4	23	55	57.0847	1	15	24	36.040	4	13	33.17	4	9011	VILLA DOLO	6350	6	LE	7418
	8	5	0	36	25.3234	1	1	59	52.632	- 0	27	11.61	4	9002	OLIFANTS	8588	6	SE	6343
	8	5	0	37	12.1745	1	2	13	13.384	2	31	5.55	4	9002	OLIFANTS	8588	11	SE	6344
	8	5	2	34	16.6642	1	22	18	3.976	- 0	8	47.67	4	9002	OLIFANTS	8587	4	SE	6341
	8	5	2	34	40.6646	1	22	26	8.955	1	21	32.86	4	9002	OLIFANTS	8587	7	SE	6342
	8	5	8	36	49.3503	1	2	48	34.028	-37	25	5.47	4	9009	CURACAO	5743	6	HB	6847
	8	5	8	37	13.3501	1	2	57	49.621	-35	40	5.23	4	9009	CURACAO	5743	9	HB	6848
	8	5	14	34	58.5181	1	4	1	4.192	-28	53	51.45	4	9012	MAUI	7238	3	KA	7335
	8	5	14	35	30.5193	1	4	11	45.234	-26	39	43.12	4	9012	MAUI	7238	7	KA	7336
	8	5	17	40	48.4389	1	19	12	48.876	-44	48	4.37	4	9002	OLIFANTS	8609	6	WS	6345
	8	5	17	41	4.4384	1	19	27	17.813	-44	51	51.66	4	9002	OLIFANTS	8609	8	WS	6346
	8	5	18	20	51.3568	3	1	16	15.373	24	45	48.55	4	9003	WOOMERA	10385	5	SE	7230
	8	5	19	38	37.3084	1	13	15	30.918	-26	50	44.13	4	9002	OLIFANTS	8613	4	WS	6347
	8	5	19	39	17.3072	1	13	25	54.691	-30	50	51.06	4	9002	OLIFANTS	8613	9	WS	6348
	8	5	20	18	58.6812	3	22	35	48.203	19	52	21.01	4	9003	WOOMERA	10391	2	SE	6301
	8	5	20	19	22.6807	3	22	41	27.921	21	11	14.81	4	9003	WOOMERA	10391	5	SE	6302
	8	5	23	30	26.8052	1	16	13	20.636	- 0	37	35.15	4	9011	VILLA DOLO	6354	3	LE	7419
	8	5	23	30	50.8049	1	16	33	51.987	- 3	44	44.56	4	9011	VILLA DOLO	6354	9	LE	7420
	8	6	1	31	24.4497	1	12	49	56.520	-51	59	3.98	4	9007	AREQUIPA	6775	3	WS	6969
	8	6	1	31	33.3265	1	13	40	7.396	-14	47	50.99	4	9011	VILLA DOLO	6356	3	LE	7421
	8	6	1	31	56.4495	1	13	1	4.242	-56	4	1.07	4	9007	AREQUIPA	6775	7	WS	6950
	8	6	1	32	5.3262	1	13	51	2.284	-17	49	6.40	4	9011	VILLA DOLO	6356	7	LE	7422
	8	6	2	10	6.3466	1	23	10	31.021	10	10	18.91	4	9002	OLIFANTS	8617	11	WS	6349
	8	6	2	10	30.3457	1	23	19	17.225	11	52	54.56	4	9002	OLIFANTS	8617	14	WS	6350

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	6	8	6	20.1006	1	0	41	48.135	29	3	19.35	4	9011	VILLA DOLO	6364 3	TJ	7108
	8	6	8	6	28.1007	1	0	44	28.697	29	27	19.82	4	9011	VILLA DOLO	6364 4	TJ	7109
	8	6	8	7	43.1304	1	2	12	28.305	11	12	25.95	4	9007	AREQUIPA	6778 3	NG	6951
	8	6	8	8	31.1298	1	2	29	11.920	14	32	51.64	4	9007	AREQUIPA	6778 9	NG	6952
	8	6	8	10	51.1965	1	3	3	50.926	-32	46	27.17	4	9009	CURACAO	5751 3	HB	6849
	8	6	8	11	7.1966	1	3	9	18.975	-31	34	19.30	4	9009	CURACAO	5751 5	HB	6850
	8	6	10	8	4.9602	1	23	5	10.363	19	31	53.54	4	9007	AREQUIPA	6784 2	KA	6953
	8	6	10	8	36.9603	1	23	14	2.017	21	58	57.61	4	9007	AREQUIPA	6784 6	KA	8828
	8	6	10	9	8.9596	1	23	23	7.840	24	28	6.24	4	9007	AREQUIPA	6784 10	KA	6954
	8	6	14	6	41.0060	1	3	23	34.521	-33	58	28.95	4	9012	MAUI	7247 3	KA	7337
	8	6	14	7	21.0053	1	3	36	18.352	-31	22	56.54	4	9012	MAUI	7247 8	KA	7338
	8	6	19	12	1.2486	1	12	57	8.479	-26	51	56.83	4	9002	OLIFANTS	8633 3	SS	6351
	8	6	19	12	17.2492	1	13	1	23.832	-28	33	52.12	4	9002	OLIFANTS	8633 5	SS	6352
	8	6	19	14	40.3603	1	13	52	22.187	-45	52	48.56	4	9002	OLIFANTS	8634 7	SS	6353
	8	6	19	14	56.3603	1	14	0	21.836	-47	59	28.56	4	9002	OLIFANTS	8634 9	SS	6354
	8	7	1	4	20.5105	1	13	11	49.120	-10	24	50.46	4	9011	VILLA DOLO	6378 6	HB	9132
	8	7	1	5	50.7619	1	13	44	21.209	-19	23	6.85	4	9011	VILLA DOLO	6378 16	HB	7424
	8	7	1	44	37.0602	1	23	39	37.559	15	33	55.48	4	9002	OLIFANTS	8639 5	SS	6355
	8	7	1	45	34.2451	1	0	0	54.111	19	28	5.63	4	9002	OLIFANTS	8639 11	SS	6356
	8	7	7	39	45.4334	1	0	44	30.400	29	6	41.50	4	9011	VILLA DOLO	6382 3	NG	7100
	8	7	7	40	17.4338	1	0	54	52.744	30	34	9.94	4	9011	VILLA DOLO	6382 7	NG	7101
	8	7	7	41	27.7356	1	2	21	37.185	12	21	54.19	4	9007	AREQUIPA	6789 3	NG	6955
	8	7	7	42	7.7350	1	2	34	6.714	14	52	2.85	4	9007	AREQUIPA	6789 8	NG	6956
	8	7	7	43	57.1483	1	2	57	35.607	-32	7	6.61	4	9009	CURACAO	5760 2	SS	6851
	8	7	7	44	13.1479	1	3	2	36.141	-30	56	47.85	4	9009	CURACAO	5760 4	SS	6852
	8	7	9	42	49.2883	1	23	29	30.355	26	53	7.38	4	9007	AREQUIPA	6795 4	NG	6957
	8	7	9	43	29.2884	1	23	42	17.643	30	0	16.39	4	9007	AREQUIPA	6795 9	NG	6958
	8	7	13	39	52.7392	1	3	16	25.675	-32	55	44.96	4	9012	MAUI	7257 3	KA	7339
	8	7	13	40	32.6656	1	3	28	8.714	-30	23	58.29	4	9012	MAUI	7257 8	KA	9133
	8	7	18	45	4.0201	1	12	33	6.089	-24	25	10.07	4	9002	OLIFANTS	8649 5	TJ	6469
	8	7	18	45	36.0201	1	12	41	44.936	-28	0	18.36	4	9002	OLIFANTS	8649 9	TJ	6470
	8	7	18	49	6.6497	1	14	20	33.389	-56	25	53.63	4	9002	OLIFANTS	8650 4	PB	6471
	8	7	18	49	26.6493	1	14	38	6.525	-59	10	11.71	4	9002	OLIFANTS	8650 9	PB	6472
	8	8	0	38	28.5418	1	12	22	11.976	-57	31	43.36	4	9007	AREQUIPA	6797 7	KA	9535
	8	8	0	38	52.5408	1	12	33	30.626	-61	3	30.24	4	9007	AREQUIPA	6797 13	KA	6959
	8	8	0	39	16.5410	1	12	47	3.315	-64	32	4.29	4	9007	AREQUIPA	6797 19	KA	6960
	8	8	1	20	25.0099	1	0	38	0.710	25	12	7.96	4	9002	OLIFANTS	8654 5	PB	6473
	8	8	1	20	49.0098	1	0	46	29.560	26	32	32.76	4	9002	OLIFANTS	8654 8	PB	6474
	8	8	9	17	2.8841	1	23	50	18.121	31	53	10.96	4	9007	AREQUIPA	6803 4	SE	6999
	8	8	9	17	34.8841	1	0	1	37.531	34	15	53.88	4	9007	AREQUIPA	6803 8	SE	7000
	8	8	9	23	14.0198	1	1	55	15.768	2	28	40.44	4	9009	CURACAO	5773 2	SS	6853
	8	8	9	23	30.0202	1	2	3	15.466	4	7	42.86	4	9009	CURACAO	5773 4	SS	6854
	8	8	10	30	33.2527	3	17	23	42.860	-45	25	26.21	4	9003	WOOMERA	10413 17	SS	6303
	8	8	10	30	41.2523	3	17	34	18.516	-45	51	57.23	4	9003	WOOMERA	10413 19	SS	6304
	8	8	11	22	2.1835	1	3	9	15.575	-28	41	54.51	4	9001	ORGAN PASS	7321 2	EB	5976

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	8	11	22	18.1829	1	3	15	4.093	-27	49	58.76	4	9001	ORGAN PASS	7321	4	EB	5977
	8	8	13	12	39.6936	1	3	2	13.556	-33	19	5.38	4	9012	MAUI	7270	3	WS	7670
	8	8	13	13	3.6932	1	3	8	49.603	-31	50	50.29	4	9012	MAUI	7270	6	WS	7342
	8	8	18	18	33.5350	1	12	15	56.766	-24	38	59.81	4	9002	OLIFANTS	8671	3	LE	6016
	8	8	18	19	13.5353	1	12	27	43.608	-29	36	17.32	4	9002	OLIFANTS	8671	8	LE	6017
	8	8	18	23	34.2181	1	15	37	36.034	-66	55	11.19	4	9002	OLIFANTS	8672	7	LE	6018
	8	8	18	24	39.1397	1	17	44	51.639	-70	52	6.12	4	9002	OLIFANTS	8672	17	LE	6019
	8	8	19	2	28.8526	3	23	18	59.162	33	54	56.88	4	9003	WOOMERA	10418	4	FI	7227
	8	8	19	3	24.8523	3	23	35	14.519	36	49	7.40	4	9003	WOOMERA	10418	7	FI	6452
	8	9	0	12	31.5397	1	12	29	12.480	-65	25	10.83	4	9007	AREQUIPA	6810	3	SE	7001
	8	9	0	12	55.5386	1	12	47	55.175	-69	1	1.50	4	9007	AREQUIPA	6810	9	SE	7002
	8	9	0	13	19.5384	1	13	12	26.042	-72	24	58.64	4	9007	AREQUIPA	6810	15	SE	7003
	8	9	0	55	10.3749	1	1	10	24.163	29	19	6.34	4	9002	OLIFANTS	8673	10	LE	7661
	8	9	0	56	7.3085	1	1	28	44.536	31	48	44.76	4	9002	OLIFANTS	8673	15	LE	6020
	8	9	6	52	3.5838	1	3	13	11.752	-22	33	12.66	4	9009	CURACAO	5776	3	HB	6859
	8	9	6	52	43.5836	1	3	22	54.322	-19	51	9.48	4	9009	CURACAO	5776	8	HB	6856
	8	9	8	51	9.3984	1	0	13	1.424	35	58	15.00	4	9007	AREQUIPA	6811	3	KA	7006
	8	9	8	51	41.3980	1	0	25	14.425	38	7	1.61	4	9007	AREQUIPA	6811	7	KA	7007
	8	9	8	51	49.3980	1	0	28	20.175	38	38	20.49	4	9007	AREQUIPA	6811	8	KA	7008
	8	9	8	55	12.4300	1	1	25	59.720	- 5	13	10.18	4	9009	CURACAO	5779	3	HB	6857
	8	9	8	55	44.4302	1	1	40	46.972	- 2	10	30.94	4	9009	CURACAO	5779	7	HB	6858
	8	9	8	56	7.6322	1	3	7	28.034	-25	43	48.93	4	9010	JUPITER	7249	2	FI	9130
	8	9	10	1	47.9056	3	14	48	50.582	-29	4	16.26	4	9003	WOOMERA	10424	8	FI	6453
	8	9	10	1	59.9050	3	15	1	53.863	-31	1	23.65	4	9003	WOOMERA	10424	11	FI	6454
	8	9	10	55	34.3559	1	3	9	57.199	-26	48	9.47	4	9001	ORGAN PASS	7337	3	RM	7613
	8	9	10	55	54.3556	1	3	16	48.925	-25	42	16.51	4	9001	ORGAN PASS	7337	8	RM	7520
	8	9	12	3	26.6895	3	13	10	33.261	-28	5	33.22	4	9003	WOOMERA	10427	4	FI	6455
	8	9	12	45	50.9836	1	2	54	56.700	-32	7	3.47	4	9012	MAUI	7282	4	WS	7671
	8	9	12	46	22.9832	1	3	3	3.685	-30	11	52.71	4	9012	MAUI	7282	8	WS	7343
	8	9	14	51	23.1930	1	2	17	40.641	-10	49	23.57	4	9012	MAUI	7285	5	WS	7344
	8	9	14	51	31.1930	1	2	21	22.482	-10	9	40.42	4	9012	MAUI	7285	6	WS	7345
	8	9	17	51	56.0504	1	11	57	3.239	-23	55	50.96	4	9002	OLIFANTS	8681	7	LE	7224
	8	9	17	52	8.0503	1	12	0	35.479	-25	28	39.91	4	9002	OLIFANTS	8681	10	LE	7225
	8	9	17	58	35.8769	1	19	24	54.417	-69	24	59.32	4	9002	OLIFANTS	8682	4	WS	6021
	8	9	17	58	59.8767	1	20	3	18.863	-67	44	13.48	4	9002	OLIFANTS	8682	10	WS	7226
	8	9	23	46	4.5853	1	12	26	59.805	-69	4	52.81	4	9007	AREQUIPA	6816	5	BZ	6985
	8	9	23	46	12.5852	1	12	34	53.130	-70	19	43.50	4	9007	AREQUIPA	6816	7	BZ	6986
	8	10	0	42	10.5991	3	3	7	2.889	-17	55	32.13	4	9008	SHIRAZ	8972	2	WS	7044
	8	10	0	42	50.6016	3	3	23	30.290	-15	18	20.54	4	9008	SHIRAZ	8972	7	WS	7045
	8	10	1	50	50.8054	1	12	26	41.491	-66	36	57.63	4	9007	AREQUIPA	6818	3	KA	7004
	8	10	1	51	6.8050	1	12	31	6.862	-68	23	29.34	4	9007	AREQUIPA	6818	5	KA	7005
	8	10	4	35	43.5028	1	2	4	5.463	-31	13	3.40	4	9004	SAN FERNAN	6280	3	LE	6544
	8	10	4	36	7.5027	1	2	12	18.935	-30	11	52.89	4	9004	SAN FERNAN	6280	6	LE	6545
	8	10	8	25	37.4404	1	0	47	17.530	40	35	19.22	4	9007	AREQUIPA	6820	3	WS	7009
	8	10	8	26	25.4392	1	1	6	35.307	43	11	9.62	4	9007	AREQUIPA	6820	9	WS	7010

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	10	8	29	29.8195	1	2	1	49.808	0	45	11.43	4	9009	CURACAO	5787 2	HB	6859
	8	10	8	29	53.8190	1	2	12	58.031	3	0	3.45	4	9009	CURACAO	5787 5	HB	6860
	8	10	10	29	18.9677	1	3	13	54.604	-24	7	20.34	4	9001	ORGAN PASS	7352 3	RM	7521
	8	10	10	29	42.9678	1	3	21	40.223	-22	47	49.69	4	9001	ORGAN PASS	7352 9	RM	7522
	8	10	12	18	49.8401	1	2	44	19.606	-31	36	4.51	4	9012	MAUI	7293 4	WS	7346
	8	10	12	19	5.8399	1	2	48	7.091	-30	39	57.43	4	9012	MAUI	7293 6	WS	7347
	8	10	14	24	43.0306	1	2	23	15.471	- 9	58	46.96	4	9012	MAUI	7296 3	SS	7348
	8	10	14	25	7.0290	1	2	33	56.278	- 8	1	22.78	4	9012	MAUI	7296 6	SS	7349
	8	10	19	31	13.4097	1	12	57	55.011	-44	19	33.30	4	9002	OLIFANTS	8701 4	SS	6023
	8	10	19	32	9.4092	1	13	16	18.873	-50	20	54.41	4	9002	OLIFANTS	8701 11	SS	6024
	8	10	23	21	53.0435	1	15	2	28.777	-38	48	29.21	4	9011	VILLA DOLO	6394 4	HB	7425
	8	10	23	22	13.0427	1	15	29	33.735	-41	42	40.94	4	9011	VILLA DOLO	6394 9	HB	7426
	8	10	23	22	24.7648	1	20	17	52.703	-75	45	56.25	4	9007	AREQUIPA	6822 4	KA	6990
	8	10	23	22	56.7626	1	20	53	6.264	-72	34	26.59	4	9007	AREQUIPA	6822 8	KA	6991
	8	11	0	15	30.2366	3	3	5	57.127	-16	45	17.12	4	9008	SHIRAZ	8983 7	KA	7046
	8	11	0	15	54.2383	3	3	15	13.278	-15	13	13.30	4	9008	SHIRAZ	8983 10	KA	7047
	8	11	1	23	39.6777	1	13	15	24.800	-32	56	24.33	4	9011	VILLA DOLO	6396 3	HB	7427
	8	11	1	23	55.6772	1	13	21	34.776	-34	37	10.91	4	9011	VILLA DOLO	6396 5	HB	7428
	8	11	1	24	57.3360	1	12	13	57.741	-74	3	21.58	4	9007	AREQUIPA	6824 5	WS	7011
	8	11	1	25	29.3358	1	12	28	19.044	-77	49	41.69	4	9007	AREQUIPA	6824 9	WS	7012
	8	11	4	12	2.9456	1	3	5	1.284	-21	37	20.33	4	9004	SAN FERNAN	6294 2	LE	6546
	8	11	4	12	34.9452	1	3	16	27.792	-19	56	55.42	4	9004	SAN FERNAN	6294 6	LE	6547
	8	11	5	59	13.0465	1	3	5	16.969	-17	37	27.18	4	9009	CURACAO	5788 4	HB	7415
	8	11	5	59	29.0465	1	3	8	31.779	-16	39	49.63	4	9009	CURACAO	5788 6	HB	7416
	8	11	7	59	35.5511	1	1	10	43.691	42	24	52.15	4	9007	AREQUIPA	6826 4	WS	7013
	8	11	8	0	7.5507	1	1	23	25.827	43	51	38.79	4	9007	AREQUIPA	6826 8	WS	7014
	8	11	10	2	23.7224	1	3	4	26.664	-23	33	29.78	4	9001	ORGAN PASS	7366 1	AA	6815
	8	11	10	2	39.7224	1	3	9	18.027	-22	41	37.23	4	9001	ORGAN PASS	7366 3	AA	7220
	8	11	11	11	40.8720	3	13	9	56.854	-39	35	41.76	4	9003	WOOMERA	10443 4	FI	6456
	8	11	11	11	56.8715	3	13	18	42.844	-41	50	41.64	4	9003	WOOMERA	10443 8	FI	6457
	8	11	13	59	9.7011	1	2	56	16.469	- 3	41	41.81	4	9012	MAUI	7303 3	CB	7350
	8	11	14	0	13.7007	1	3	23	23.617	1	13	7.89	4	9012	MAUI	7303 7	CB	7351
	8	11	19	4	28.9809	1	12	34	26.723	-44	57	9.70	4	9002	OLIFANTS	8721 4	SS	6025
	8	11	19	5	24.9806	1	12	52	59.702	-51	29	54.63	4	9002	OLIFANTS	8721 11	SS	6026
	8	11	22	56	8.4182	1	16	26	31.985	-44	14	26.17	4	9011	VILLA DOLO	6407 5	TJ	8822
	8	11	22	56	20.4181	1	16	45	52.360	-45	5	45.72	4	9011	VILLA DOLO	6407 8	TJ	8823
	8	12	3	45	33.5811	1	3	5	10.827	-19	48	26.46	4	9004	SAN FERNAN	6306 3	LE	7233
	8	12	3	45	49.5813	1	3	10	36.205	-18	58	35.80	4	9004	SAN FERNAN	6306 5	LE	7234
	8	12	7	37	31.8031	1	2	50	6.158	8	34	25.02	4	9009	CURACAO	5796 2	HB	7411
	8	12	7	38	3.8029	1	3	2	58.589	10	55	46.83	4	9009	CURACAO	5796 6	HB	7412
	8	12	9	33	8.6904	1	22	8	44.392	- 1	21	44.56	4	9009	CURACAO	5798 3	HB	7413
	8	12	9	33	56.6901	1	22	18	1.315	1	30	16.24	4	9009	CURACAO	5798 9	HB	7414
	8	12	9	34	14.1145	1	2	33	51.394	-26	49	17.97	4	9001	ORGAN PASS	7379 2	BZ	6817
	8	12	9	34	38.1142	1	2	40	43.652	-25	34	20.33	4	9001	ORGAN PASS	7379 5	BZ	6818
	8	12	9	39	51.5386	1	1	52	59.878	- 3	53	34.99	4	9010	JUPITER	7262 5	FI	7513

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	12	9	40	15.5401	1	2	4	15.760	- 2	3	20.31	4	9010	JUPITER	7262 8	FI	7087
	8	12	10	46	7.0816	3	13	39	47.773	-50	44	19.57	4	9003	WOOMERA	10457 7	FI	6458
	8	12	16	34	49.6134	1	12	38	10.973	-53	5	3.15	4	9002	OLIFANTS	8732 4	SS	6027
	8	12	16	34	53.6134	1	12	42	28.514	-53	56	47.81	4	9002	OLIFANTS	8732 5	SS	6028
	8	12	18	36	4.6633	1	11	46	57.080	-34	27	35.97	4	9002	OLIFANTS	8737 5	SS	6029
	8	12	18	37	52.9398	1	12	12	58.726	-46	29	34.63	4	9002	OLIFANTS	8737 13	SS	6030
	8	12	18	40	12.8698	1	13	20	27.241	-65	17	20.93	4	9002	OLIFANTS	8738 2	LE	6410
	8	12	18	40	28.8692	1	13	34	48.280	-67	29	53.53	4	9002	OLIFANTS	8738 6	LE	6411
	8	12	18	41	47.5770	1	15	46	11.176	-76	38	1.07	4	9002	OLIFANTS	8738 13	LE	6412
	8	12	23	22	6.6550	3	3	1	3.962	-14	21	24.30	4	9008	SHIRAZ	9001 9	SE	7048
	8	12	23	22	46.6561	3	3	14	36.741	-11	57	8.65	4	9008	SHIRAZ	9001 14	SE	7049
	8	13	0	32	0.4927	1	11	14	5.428	-81	28	57.55	4	9007	AREQUIPA	6836 3	WS	7015
	8	13	0	32	48.4910	1	11	46	18.767	-87	38	23.95	4	9007	AREQUIPA	6836 9	WS	7016
	8	13	7	11	28.9993	1	3	6	5.462	11	15	53.75	4	9009	CURACAO	5801 1	FI	6961
	8	13	7	12	8.9995	1	3	20	32.551	13	44	53.43	4	9009	CURACAO	5801 6	FI	6962
	8	13	9	5	33.1095	1	22	9	20.609	38	37	48.49	4	9007	AREQUIPA	6839 4	SS	7069
	8	13	9	6	5.1089	1	22	16	34.336	40	36	10.42	4	9007	AREQUIPA	6839 8	SS	7070
	8	13	9	13	4.5458	1	23	54	59.888	32	11	19.01	4	9009	CURACAO	5803 1	BZ	6963
	8	13	9	13	44.5472	1	0	11	44.906	36	14	50.41	4	9009	CURACAO	5803 6	BZ	6964
	8	13	18	10	55.9161	1	11	45	8.905	-45	19	8.72	4	9002	OLIFANTS	8753 4	LE	6413
	8	13	18	11	43.9144	1	11	59	57.768	-51	49	8.81	4	9002	OLIFANTS	8753 10	LE	6414
	8	13	18	15	57.5097	1	19	20	32.682	-78	14	17.38	4	9002	OLIFANTS	8754 6	CB	6415
	8	13	18	16	21.5097	1	20	20	18.862	-75	55	10.62	4	9002	OLIFANTS	8754 9	CB	6416
	8	14	0	5	22.9713	1	10	21	48.820	-84	0	32.05	4	9007	AREQUIPA	6844 4	SS	7071
	8	14	0	6	2.9695	1	7	53	16.691	-89	6	42.08	4	9007	AREQUIPA	6844 9	SS	7790
	8	14	9	53	47.5862	3	14	56	58.430	-63	41	7.77	4	9003	WOOMERA	10474 3	FI	7228
	8	14	9	54	11.5850	3	15	52	51.130	-65	57	14.81	4	9003	WOOMERA	10474 9	FI	6460
	8	14	17	44	51.2020	1	11	32	18.908	-51	18	53.12	4	9002	OLIFANTS	8767 4		6417
	8	14	17	45	23.2024	1	11	43	57.389	-56	15	37.94	4	9002	OLIFANTS	8767 8	CB	6418
	8	14	23	39	33.4411	1	14	7	15.019	-59	39	26.25	4	9011	VILLA DOLO	6425 5	FI	7106
	8	14	23	39	45.4405	1	14	27	32.893	-61	25	57.28	4	9011	VILLA DOLO	6425 8	FI	7107
	8	15	0	32	38.8426	3	2	11	49.749	10	8	17.27	4	9008	SHIRAZ	9021 3	SE	7050
	8	15	0	33	10.8447	3	2	28	59.186	12	29	8.15	4	9008	SHIRAZ	9021 7	SE	7051
	8	15	9	27	43.2976	3	16	44	37.927	-67	1	44.52	4	9003	WOOMERA	10481 2	FI	6461
	8	15	9	27	59.2964	3	17	27	22.596	-66	39	37.05	4	9003	WOOMERA	10481 6	FI	6462
	8	15	10	20	17.7167	1	2	46	24.236	- 1	0	33.72	4	9001	ORGAN PASS	7402 3	AA	6819
	8	15	10	20	29.7169	1	2	51	36.029	- 0	16	47.58	4	9001	ORGAN PASS	7402 6	AA	6820
	8	15	11	29	32.4670	3	13	16	50.221	-47	29	47.53	4	9003	WOOMERA	10485 6	FI	6463
	8	15	11	29	40.4667	3	13	21	57.994	-48	27	27.02	4	9003	WOOMERA	10485 8	FI	6464
	8	15	17	17	58.0837	1	11	4	48.579	-50	29	16.76	4	9002	OLIFANTS	8783 3	SS	6419
	8	15	17	18	22.0836	1	11	12	25.546	-54	24	27.04	4	9002	OLIFANTS	8783 9	SS	6420
	8	15	18	12	31.1591	3	2	28	50.453	- 2	43	59.25	4	9005	TOKYO	6354 5	NG	7034
	8	15	18	12	47.1597	3	2	35	57.906	- 1	48	21.17	4	9005	TOKYO	6354 9	NG	7035
	8	15	19	22	55.7414	1	13	13	0.184	-51	44	43.30	4	9002	OLIFANTS	8788 4	SS	6421
	8	15	19	23	27.7405	1	13	29	48.031	-54	56	25.37	4	9002	OLIFANTS	8788 8	SS	6422

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	16	0	5	23.6928	3	2	3	38.028	8	26	17.79	4	9008	SHIRAZ	9027	2	TJ	7018
	8	16	0	6	35.6969	3	2	40	42.734	13	22	28.59	4	9008	SHIRAZ	9027	11	TJ	7019
	8	16	1	15	50.1453	1	11	42	44.659	-76	2	9.10	4	9007	AREQUIPA	6856	3	SS	7073
	8	16	1	16	30.1442	1	12	1	37.938	-80	47	15.23	4	9007	AREQUIPA	6856	8	SS	8827
	8	16	7	48	52.3175	1	23	19	34.317	55	42	49.31	4	9007	AREQUIPA	6857	9	SS	7075
	8	16	7	54	58.9009	1	3	2	38.976	6	55	30.59	4	9010	JUPITER	7274	2	SS	7088
	8	16	7	55	30.8985	1	3	15	33.108	8	43	21.02	4	9010	JUPITER	7274	6	SS	7089
	8	16	11	3	26.7191	3	13	23	59.514	-54	21	6.96	4	9003	WOOMERA	10495	3	FI	6465
	8	16	11	3	46.7181	3	13	43	38.836	-57	4	33.08	4	9003	WOOMERA	10495	8	FI	6466
	8	16	11	47	17.0631	1	3	17	40.517	5	21	3.91	4	9012	MAUI	7324	3	SS	7352
	8	16	11	47	41.0626	1	3	24	15.615	6	29	3.88	4	9012	MAUI	7324	6	SS	7353
	8	16	13	50	5.3533	1	2	19	15.514	33	8	51.78	4	9012	MAUI	7325	3	SS	7354
	8	16	13	50	37.3522	1	2	38	42.359	35	2	27.92	4	9012	MAUI	7325	7	SS	8831
	8	16	16	51	12.8635	1	10	40	1.389	-50	46	1.19	4	9002	OLIFANTS	8799	5	SS	6423
	8	16	16	52	0.8789	1	10	55	46.112	-59	23	4.63	4	9002	OLIFANTS	8799	11	WS	9128
	8	16	16	52	32.8821	1	11	11	10.849	-65	28	35.38	4	9002	OLIFANTS	8799	15	SS	6424
	8	16	16	57	51.5302	1	22	5	22.228	-56	0	50.59	4	9002	OLIFANTS	8800	3	KA	7223
	8	16	16	58	23.5296	1	22	12	45.238	-52	12	1.72	4	9002	OLIFANTS	8800	7	KA	6426
	8	16	18	55	42.4103	1	12	34	39.024	-50	34	16.72	4	9002	OLIFANTS	8806	3	HB	6305
	8	16	18	56	38.4103	1	13	2	8.123	-56	41	32.81	4	9002	OLIFANTS	8806	10	HB	6306
	8	16	18	57	42.4086	1	13	51	26.918	-64	1	44.70	4	9002	OLIFANTS	8807	3	HB	6307
	8	16	18	57	58.4089	1	14	8	48.637	-65	48	37.67	4	9002	OLIFANTS	8807	5	HB	7604
	8	16	22	49	25.1813	1	20	33	39.346	-51	41	51.84	4	9011	VILLA DOLO	6434	4	HB	7429
	8	16	22	49	41.1811	1	20	44	17.550	-49	35	43.69	4	9011	VILLA DOLO	6434	8	HB	7430
	8	16	23	39	57.4623	3	2	49	41.810	13	56	19.28	4	9008	SHIRAZ	9036	4	LE	6571
	8	16	23	40	29.4642	3	3	5	43.456	15	44	33.62	4	9008	SHIRAZ	9036	8	LE	6572
	8	17	0	48	13.5366	1	12	54	47.787	-41	14	43.72	4	9011	VILLA DOLO	6439	4	CB	8833
	8	17	0	48	25.5365	1	13	1	26.024	-42	31	44.76	4	9011	VILLA DOLO	6439	7	CB	8821
	8	17	0	50	18.3659	1	11	6	24.182	-87	11	29.35	4	9007	AREQUIPA	6864	3	WS	7076
	8	17	0	50	50.3654	1	22	57	52.580	-88	42	40.29	4	9007	AREQUIPA	6864	7	WS	9816
	8	17	0	51	22.3677	1	23	6	29.747	-84	37	21.84	4	9007	AREQUIPA	6864	11	WS	7078
	8	17	3	36	8.9766	1	2	42	40.805	2	4	56.52	4	9004	SAN FERNAN	6336	3	HB	6548
	8	17	3	36	24.9761	1	2	49	52.783	2	56	12.85	4	9004	SAN FERNAN	6336	5	HB	6549
	8	17	9	27	34.1250	1	3	4	45.187	2	57	21.03	4	9001	ORGAN PASS	7413	1	BZ	6813
	8	17	9	27	58.1312	1	3	13	53.214	4	9	52.92	4	9001	ORGAN PASS	7413	4	BZ	6814
	8	17	10	36	56.2517	3	13	18	17.873	-58	45	37.03	4	9003	WOOMERA	10504	3	FI	6467
	8	17	10	37	24.2505	3	13	55	43.352	-62	51	10.78	4	9003	WOOMERA	10504	10	FI	7229
	8	17	11	20	17.6829	1	3	6	52.380	4	59	3.79	4	9012	MAUI	7334	3	FI	7356
	8	17	11	20	41.6821	1	3	13	0.430	6	3	58.26	4	9012	MAUI	7334	6	FI	7780
	8	17	11	27	21.5901	10	0	13	21.856	11	10	34.18	4	9001	ORGAN PASS	7416	2	SC	6809
	8	17	11	27	29.5930	10	0	16	34.155	11	44	48.83	4	9001	ORGAN PASS	7416	4	SC	6810
	8	17	13	23	51.0550	1	2	48	56.921	33	55	28.61	4	9012	MAUI	7336	3	SS	7357
	8	17	13	24	39.0523	1	3	16	5.627	35	52	25.40	4	9012	MAUI	7336	6	SS	7358
	8	17	17	19	31.3883	3	2	44	31.551	0	34	59.13	4	9005	TOKYO	6370	2	NG	7036
	8	17	17	19	47.3887	3	2	51	2.010	1	24	31.66	4	9005	TOKYO	6370	6	NG	7037

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	17	18	29	16.8712	1	12	16	23.438	-54	26	51.53	4	9002	OLIFANTS	8817 4	HB	6309
	8	17	18	29	32.8709	1	12	24	12.337	-56	23	37.95	4	9002	OLIFANTS	8817 8	HB	6310
	8	17	18	31	52.2569	1	14	59	33.693	-73	19	1.14	4	9002	OLIFANTS	8818 5	HB	6311
	8	17	18	32	8.2565	1	15	38	26.339	-74	32	45.18	4	9002	OLIFANTS	8818 9	HB	6312
	8	17	18	32	42.7095	1	17	18	38.103	-75	31	58.60	4	9002	OLIFANTS	8818 13	HB	6313
	8	18	0	22	21.6231	1	13	6	35.233	-49	4	11.37	4	9011	VILLA DOLO	6449 3	WS	8825
	8	18	0	22	41.6227	1	13	24	2.759	-51	39	30.63	4	9011	VILLA DOLO	6449 8	WS	8824
	8	18	0	25	0.5107	1	23	27	30.172	-79	7	44.88	4	9007	AREQUIPA	6870 4	WS	7079
	8	18	0	25	40.5087	1	23	19	50.057	-74	6	20.83	4	9007	AREQUIPA	6870 9	WS	7080
	8	18	7	2	34.3183	1	2	55	41.696	45	1	31.28	4	9009	CURACAO	5817 4	BZ	6965
	8	18	7	2	50.3187	1	3	4	14.793	45	23	24.65	4	9009	CURACAO	5817 6	BZ	6966
	8	18	9	0	45.8035	1	3	1	36.795	3	24	0.19	4	9001	ORGAN PASS	7424 2	SC	6811
	8	18	9	1	1.8013	1	3	7	17.147	4	9	25.34	4	9001	ORGAN PASS	7424 4	SC	6812
	8	18	10	10	28.4931	3	13	24	4.445	-64	9	6.19	4	9003	WOOMERA	10513 4	HB	6483
	8	18	10	10	44.4921	3	13	52	48.702	-66	34	45.00	4	9003	WOOMERA	10513 8	HB	6484
	8	18	11	3	29.4928	10	1	50	42.772	24	56	56.36	4	9001	ORGAN PASS	7427 5	SC	6806
	8	18	12	12	55.1152	3	13	59	36.562	-36	40	59.78	4	9003	WOOMERA	10518 3	NG	6318
	8	18	12	13	23.1148	3	14	16	46.549	-38	13	11.72	4	9003	WOOMERA	10518 10	NG	7231
	8	18	12	57	9.7203	1	2	59	36.018	32	52	57.82	4	9012	MAUI	7342 4	SS	7359
	8	18	12	57	33.7189	1	3	11	56.611	33	43	18.37	4	9012	MAUI	7342 7	SS	8830
	8	18	18	5	42.9066	1	17	13	17.874	-78	9	15.87	4	9002	OLIFANTS	8831 3	HB	6314
	8	18	18	6	30.9040	1	19	42	15.231	-74	15	3.82	4	9002	OLIFANTS	8831 9	HB	6315
	8	18	23	56	20.8442	1	13	32	34.380	-57	37	7.45	4	9011	VILLA DOLO	6462 3	WS	7099
	8	18	23	56	32.8438	1	13	49	33.533	-59	16	21.34	4	9011	VILLA DOLO	6462 6	WS	7517
	8	19	2	42	39.5374	1	2	46	0.342	3	34	30.49	4	9004	SAN FERNAN	6345 3	WS	6550
	8	19	2	43	3.5371	1	2	55	38.613	4	41	34.70	4	9004	SAN FERNAN	6345 6	WS	6551
	8	19	8	33	55.8949	1	2	57	20.342	3	46	47.88	4	9001	ORGAN PASS	7434 4	AA	6821
	8	19	8	34	3.8947	1	2	59	59.278	4	8	13.18	4	9001	ORGAN PASS	7434 6	AA	6822
	8	19	8	38	30.5131	1	2	32	20.153	36	58	4.73	4	9010	JUPITER	7286 3	SS	7782
	8	19	8	39	2.5154	1	2	53	39.414	38	16	28.46	4	9010	JUPITER	7286 7	SS	7090
	8	19	10	36	49.4939	1	2	7	47.882	25	45	29.20	4	9001	ORGAN PASS	7436 1	AA	6823
	8	19	10	37	13.5020	1	2	22	32.717	27	4	8.14	4	9001	ORGAN PASS	7436 7	AA	6824
	8	19	17	35	36.7904	1	11	15	57.309	-56	44	25.92	4	9002	OLIFANTS	8847 3	NG	6316
	8	19	17	35	52.7898	1	11	22	42.966	-59	4	2.80	4	9002	OLIFANTS	8847 7	NG	6317
	8	19	17	40	51.2442	1	21	31	23.693	-62	7	42.66	4	9002	OLIFANTS	8848 9	SE	7187
	8	19	17	40	59.2439	1	21	35	58.028	-60	47	30.36	4	9002	OLIFANTS	8848 11	SE	7188
	8	20	8	7	16.8537	1	2	55	50.212	4	36	54.98	4	9001	ORGAN PASS	7440 6	SS	6321
	8	20	8	7	24.8535	1	2	58	17.743	4	56	29.58	4	9001	ORGAN PASS	7440 8	SS	6322
	8	20	10	10	7.4226	1	2	23	15.197	26	3	30.54	4	9001	ORGAN PASS	7444 3	SS	6323
	8	20	10	10	31.4222	1	2	37	28.360	27	7	29.48	4	9001	ORGAN PASS	7444 9	SS	6324
	8	20	12	4	16.9388	1	3	24	48.336	31	14	36.61	4	9012	MAUI	7352 3	SS	7361
	8	20	12	4	40.9376	1	3	34	28.473	31	43	32.51	4	9012	MAUI	7352 6	SS	7362
	8	20	17	9	16.9498	1	10	56	50.625	-62	35	55.98	4	9002	OLIFANTS	8861 4	SE	6573
	8	20	17	9	32.9494	1	11	4	52.784	-65	16	43.66	4	9002	OLIFANTS	8861 8	SE	6574
	8	20	17	15	58.9270	1	22	11	28.771	-42	34	32.33	4	9002	OLIFANTS	8862 4	SE	7523

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	20	17	16	14.9266	1	22	14	26.051	-40	34	12.49	4	9002	OLIFANTS	8862	6	SE	6539
	8	20	19	13	18.2977	1	13	48	7.893	-44	21	30.46	4	9002	OLIFANTS	8869	10	WS	6585
	8	21	9	47	5.3786	1	0	2	40.737	50	24	17.23	4	9010	JUPITER	7288	2	SS	7091
	8	21	9	47	45.3858	1	0	28	33.535	53	42	24.47	4	9010	JUPITER	7288	7	SS	7092
	8	21	10	53	15.8408	3	13	25	10.546	-46	7	49.82	4	9003	WOOMERA	10543	2	NG	8870
	8	21	10	53	31.8400	3	13	40	45.759	-47	35	51.93	4	9003	WOOMERA	10543	6	NG	6319
	8	21	10	53	51.8395	3	14	2	46.875	-49	20	53.60	4	9003	WOOMERA	10543	11	NG	6320
	8	21	11	40	8.5095	1	4	17	58.888	31	43	7.13	4	9012	MAUI	7359	4	SS	7363
	8	21	11	40	56.5139	1	4	32	47.475	31	54	11.82	4	9012	MAUI	7359	7	SS	7364
	8	21	13	39	57.5126	1	1	49	54.703	59	19	54.27	4	9012	MAUI	7361	2	KA	7110
	8	21	13	40	21.5124	10	2	11	43.706	60	3	57.22	4	9012	MAUI	7361	5	KA	7111
	8	21	16	42	3.3979	1	10	15	36.921	-59	50	47.73	4	9002	OLIFANTS	8878	7	KA	6576
	8	21	16	42	19.3964	1	10	20	36.681	-62	35	27.78	4	9002	OLIFANTS	8878	9	KA	6577
	8	21	16	48	31.5304	1	21	59	46.571	-45	44	52.53	4	9002	OLIFANTS	8879	3	KA	6578
	8	21	16	49	11.5278	1	22	6	4.555	-40	31	3.56	4	9002	OLIFANTS	8879	8	KA	6579
	8	21	18	48	21.3698	1	15	10	33.498	-53	49	3.47	4	9002	OLIFANTS	8886	5	WS	6580
	8	21	18	48	37.3696	1	15	31	27.682	-54	23	21.80	4	9002	OLIFANTS	8886	7	WS	6581
	8	22	0	40	45.2534	1	16	41	30.311	-84	52	6.26	4	9007	AREQUIPA	6895	4	WS	7081
	8	22	0	40	57.2534	1	17	59	12.335	-84	32	29.74	4	9007	AREQUIPA	6895	7	WS	7082
	8	22	7	19	2.4262	1	2	26	41.950	67	37	45.52	4	9009	CURACAO	5830	1	FI	6967
	8	22	9	20	52.3925	1	0	51	55.688	55	29	37.83	4	9010	JUPITER	7292	4	SS	7093
	8	22	9	21	8.3967	1	1	5	18.087	56	30	28.26	4	9010	JUPITER	7292	6	SS	7514
	8	22	10	27	31.2847	10	14	27	45.143	-55	12	6.44	4	9003	WOOMERA	10556	3	CB	6540
	8	22	10	27	55.2836	10	15	11	3.043	-56	40	32.12	4	9003	WOOMERA	10556	9	CB	7232
	8	22	13	14	15.9391	1	3	17	11.907	58	39	13.02	4	9012	MAUI	7370	2	NG	7436
	8	22	13	15	3.9358	1	3	54	42.108	58	6	54.01	4	9012	MAUI	7370	8	NG	7437
	8	22	15	13	51.7964	1	22	15	12.040	50	14	12.38	4	9012	MAUI	7374	3	NG	7438
	8	22	15	14	7.7955	1	22	19	25.206	51	30	4.41	4	9012	MAUI	7374	5	NG	7439
	8	22	18	22	43.3251	1	17	5	22.092	-58	12	43.83	4	9002	OLIFANTS	8903	10	WS	6582
	8	22	18	22	55.3249	1	17	26	57.705	-57	30	9.18	4	9002	OLIFANTS	8903	13	WS	7238
	8	22	20	59	58.6849	3	3	5	29.347	15	1	35.98	4	9008	SHIRAZ	9040	3	WS	7020
	8	22	21	0	22.6856	3	3	12	45.849	15	40	36.82	4	9008	SHIRAZ	9040	6	WS	7021
	8	22	23	2	54.8940	3	2	57	55.859	39	37	31.41	4	9008	SHIRAZ	9042	3	WS	7022
	8	22	23	3	26.8952	3	3	17	57.539	39	58	20.47	4	9008	SHIRAZ	9042	7	WS	7023
	8	23	0	14	36.6008	1	21	24	7.011	-80	45	42.28	4	9007	AREQUIPA	6901	4	WS	7083
	8	23	0	14	56.6000	1	21	42	9.175	-77	42	23.88	4	9007	AREQUIPA	6901	9	WS	7084
	8	23	1	2	46.4260	3	23	0	58.772	39	52	40.23	4	9008	SHIRAZ	9044	6	WS	6444
	8	23	1	3	18.4265	3	23	13	29.000	42	23	3.18	4	9008	SHIRAZ	9044	10	WS	6445
	8	23	6	51	8.0455	1	2	1	31.210	65	32	4.32	4	9009	CURACAO	5839	1	KA	6969
	8	23	6	51	40.0469	1	2	29	12.115	65	39	44.45	4	9009	CURACAO	5839	5	KA	6970
	8	23	8	54	17.6596	1	1	37	11.840	57	18	19.67	4	9010	JUPITER	7302	6	NG	7515
	8	23	12	46	54.7490	1	3	13	1.326	56	18	2.35	4	9012	MAUI	7381	3	SC	7440
	8	23	14	50	30.8503	1	0	16	49.731	70	28	26.10	4	9012	MAUI	7384	8	SC	7441
	8	23	17	57	2.9999	1	19	23	19.595	-52	0	14.96	4	9002	OLIFANTS	8917	6	WS	6583
	8	23	17	57	42.9995	1	20	6	28.195	-44	45	18.23	4	9002	OLIFANTS	8917	11	WS	6584

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	23	23	48	46.7578	1	22	16	54.574	-68	57	52.16	4	9007	AREQUIPA	6911 3	KA	7085
	8	23	23	49	26.7575	1	22	20	50.436	-62	46	17.95	4	9007	AREQUIPA	6911 8	KA	7086
	8	24	6	24	37.4111	1	2	45	26.761	63	25	56.14	4	9009	CURACAO	5844 4	FI	6971
	8	24	6	24	47.9092	1	3	19	57.200	30	44	33.85	4	9010	JUPITER	7306 5	NG	7516
	8	24	8	23	33.1052	1	3	10	33.626	24	35	48.74	4	9001	ORGAN PASS	7454 1	SC	6807
	8	24	8	24	5.1046	1	3	23	40.925	25	3	42.71	4	9001	ORGAN PASS	7454 5	SC	6808
	8	24	8	27	29.9669	1	2	13	26.012	57	1	45.66	4	9010	JUPITER	7308 3	AA	6987
	8	24	8	27	53.9680	1	2	35	34.592	57	18	42.77	4	9010	JUPITER	7308 6	AA	6988
	8	24	9	35	12.3661	3	17	51	35.624	-50	13	19.63	4	9003	WOOMERA	10571 4	CB	6542
	8	24	9	35	36.3645	3	18	39	0.082	-55	54	2.65	4	9003	WOOMERA	10571 10	CB	6543
	8	24	12	19	32.8103	1	3	8	9.271	53	55	22.65	4	9012	MAUI	7390 3	SC	7442
	8	24	12	20	12.8094	1	3	33	20.460	53	25	7.97	4	9012	MAUI	7390 8	SC	7443
	8	24	14	22	15.9603	1	23	39	17.473	67	32	42.66	4	9012	MAUI	7393 5	SE	7444
	8	24	16	15	6.1565	3	2	43	21.923	22	6	50.68	4	9005	TOKYO	6394 2	KA	7038
	8	24	16	15	38.1563	3	2	58	2.175	22	46	47.42	4	9005	TOKYO	6394 6	KA	7039
	8	24	17	25	51.4396	1	11	59	36.659	-54	19	50.94	4	9002	OLIFANTS	8927 5	KA	8835
	8	24	17	26	43.7084	1	12	51	17.294	-60	36	53.10	4	9002	OLIFANTS	8927 11	KA	7237
	8	24	17	31	39.9669	1	20	53	38.786	-34	50	34.22	4	9002	OLIFANTS	8928 5	TJ	6825
	8	24	17	32	3.9669	1	21	5	10.785	-30	44	35.90	4	9002	OLIFANTS	8928 8	TJ	6826
	8	24	18	17	32.8922	3	1	13	58.311	39	40	0.39	4	9005	TOKYO	6396 2	WS	7040
	8	24	18	18	4.8925	3	1	37	13.082	40	59	2.03	4	9005	TOKYO	6396 6	WS	7041
	8	24	23	21	5.6946	1	17	8	58.434	-47	58	50.64	4	9011	VILLA DOLO	6502 2	HB	7431
	8	24	23	21	9.6944	1	17	16	36.944	-47	28	24.87	4	9011	VILLA DOLO	6502 4	HB	7432
	8	25	1	22	10.1990	1	14	40	32.736	-11	33	56.11	4	9011	VILLA DOLO	6507 6	HB	7433
	8	25	1	22	22.1989	1	14	47	39.897	-11	2	39.92	4	9011	VILLA DOLO	6507 9	HB	7669
	8	25	5	57	32.1766	1	2	54	55.912	60	56	38.56	4	9009	CURACAO	5851 2	KA	6973
	8	25	5	58	4.1769	1	3	14	39.578	60	25	13.19	4	9009	CURACAO	5851 6	KA	6974
	8	25	7	56	19.2050	1	3	1	53.727	23	17	40.78	4	9001	ORGAN PASS	7463 3	EB	5978
	8	25	7	56	51.2048	1	3	14	3.123	23	45	30.43	4	9001	ORGAN PASS	7463 7	EB	5979
	8	25	7	59	11.3169	1	22	5	4.139	68	32	10.53	4	9009	CURACAO	5853 3	FI	6975
	8	25	7	59	51.3173	1	22	28	1.327	71	18	53.88	4	9009	CURACAO	5853 8	FI	6976
	8	25	8	0	39.5622	1	2	44	10.337	55	32	37.00	4	9010	JUPITER	7311 4	KA	6989
	8	25	8	1	21.2117	1	3	18	20.615	55	9	42.51	4	9010	JUPITER	7311 11	KA	6998
	8	25	9	57	48.7222	1	1	19	55.547	44	15	49.85	4	9001	ORGAN PASS	7466 2	SS	6325
	8	25	9	58	16.7243	1	1	41	10.755	45	11	54.79	4	9001	ORGAN PASS	7466 9	SS	6326
	8	25	11	54	28.0651	1	4	13	30.295	49	3	44.28	4	9012	MAUI	7399 2	SE	7445
	8	25	11	55	0.0628	1	4	27	16.327	48	16	7.79	4	9012	MAUI	7399 6	SE	7446
	8	25	13	55	22.7033	1	0	20	5.349	69	59	58.75	4	9012	MAUI	7401 3	SE	7447
	8	25	13	55	30.7032	1	0	28	54.870	70	24	2.67	4	9012	MAUI	7401 4	SE	7448
	8	25	16	58	52.3437	1	11	24	6.314	-56	5	25.52	4	9002	OLIFANTS	8944 5	TJ	6827
	8	25	16	59	8.3434	1	11	36	41.084	-58	16	38.10	4	9002	OLIFANTS	8944 9	TJ	6828
	8	25	17	6	11.0212	1	21	27	55.820	-20	58	3.24	4	9002	OLIFANTS	8946 5	TJ	6829
	8	25	17	6	43.0202	1	21	36	0.103	-17	5	37.63	4	9002	OLIFANTS	8946 9	TJ	7239
	8	25	19	5	3.4914	1	15	42	7.159	-17	14	39.84	4	9002	OLIFANTS	8954 6	WS	6830
	8	25	19	5	15.4913	1	15	51	22.472	-16	23	40.76	4	9002	OLIFANTS	8954 9	WS	6831

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	25	21	42	32.2511	3	3	25	28.570	34	17	35.05	4	9008	SHIRAZ	9051	2	WS	7024
	8	25	21	43	20.2527	3	3	45	48.894	34	6	16.49	4	9008	SHIRAZ	9051	8	WS	7025
	8	25	22	55	19.9461	1	19	6	56.020	-37	4	22.62	4	9011	VILLA DOLO	6515	4	HB	7435
	8	25	23	45	6.9960	3	2	7	10.000	57	3	21.50	4	9008	SHIRAZ	9053	5	KA	7026
	8	25	23	45	38.9975	3	2	37	46.853	57	15	12.83	4	9008	SHIRAZ	9053	9	KA	7027
	8	26	0	55	56.4209	1	13	57	1.519	-60	20	32.09	4	9007	AREQUIPA	6935	3	SE	6980
	8	26	0	55	57.2164	1	14	48	49.129	-10	30	51.37	4	9011	VILLA DOLO	6521	3	WS	7096
	8	26	0	56	1.2165	1	14	51	36.972	-10	17	12.60	4	9011	VILLA DOLO	6521	4	WS	8826
	8	26	0	56	12.4204	1	14	15	20.503	-61	12	50.76	4	9007	AREQUIPA	6935	7	SE	6981
	8	26	0	56	32.4200	1	14	40	52.016	-62	8	31.34	4	9007	AREQUIPA	6935	12	SE	7240
	8	26	7	29	34.1473	1	3	3	14.583	22	29	12.51	4	9001	ORGAN PASS	7469	2	SS	6327
	8	26	7	30	14.1468	1	3	16	54.936	22	56	57.33	4	9001	ORGAN PASS	7469	7	SS	6328
	8	26	9	31	13.3753	1	1	57	17.457	44	26	14.62	4	9001	ORGAN PASS	7472	2	HB	6329
	8	26	9	31	53.3754	1	2	26	38.178	44	51	17.36	4	9001	ORGAN PASS	7472	7	HB	6330
	8	26	10	44	19.6642	3	15	23	38.348	-20	52	57.06	4	9003	WOOMERA	10593	4	NG	6557
	8	26	10	44	27.6638	3	15	32	34.785	-20	18	36.64	4	9003	WOOMERA	10593	6	NG	6558
	8	26	11	33	40.6857	1	23	38	32.069	46	20	19.21	4	9001	ORGAN PASS	7474	2	HB	6331
	8	26	11	34	0.6857	1	23	49	46.618	47	36	12.84	4	9001	ORGAN PASS	7474	7	HB	6332
	8	26	17	24	24.0494	3	2	23	59.757	40	37	38.69	4	9005	TOKYO	6398	3	WS	7042
	8	26	17	24	44.0496	3	2	38	10.967	40	41	55.15	4	9005	TOKYO	6398	8	WS	7043
	8	26	21	16	23.3681	3	3	42	47.368	32	16	6.26	4	9008	SHIRAZ	9062	6	KA	7028
	8	26	21	16	31.3679	3	3	45	41.752	32	13	6.07	4	9008	SHIRAZ	9062	7	KA	7029
	8	26	23	18	43.6465	3	3	5	44.326	55	25	1.29	4	9008	SHIRAZ	9064	3	KA	7030
	8	26	23	19	31.6501	3	3	44	36.365	54	11	54.81	4	9008	SHIRAZ	9064	6	KA	7031
	8	27	0	30	57.6497	1	17	9	39.766	-66	31	42.04	4	9007	AREQUIPA	6940	4	BZ	6983
	8	27	0	31	9.6494	1	17	33	47.322	-65	36	30.32	4	9007	AREQUIPA	6940	7	BZ	6984
	8	27	9	5	20.2594	1	2	58	27.946	42	58	28.60	4	9001	ORGAN PASS	7480	2	HB	6333
	8	27	9	5	36.2597	1	3	8	27.470	42	46	51.02	4	9001	ORGAN PASS	7480	6	HB	6334
	8	27	9	14	28.4961	1	2	38	34.459	82	26	13.73	4	9009	CURACAO	5859	1	FI	6968
	8	27	11	8	38.5650	1	1	22	24.529	54	37	37.95	4	9001	ORGAN PASS	7484	2	HB	6335
	8	27	11	9	2.5652	1	1	44	35.042	55	14	29.96	4	9001	ORGAN PASS	7484	5	HB	6336
	8	27	14	55	20.3423	3	3	5	46.541	20	36	36.58	4	9005	TOKYO	6404	3	HB	6427
	8	27	15	8	14.9430	1	2	39	34.653	75	23	39.00	4	9012	MAUI	7417	3	WS	7449
	8	27	16	57	18.9670	3	2	34	53.073	39	22	26.07	4	9005	TOKYO	6406	3	HB	6428
	8	27	16	57	42.9668	3	2	50	32.228	39	15	14.26	4	9005	TOKYO	6406	6	HB	6429
	8	27	18	14	4.9811	1	18	16	45.604	- 0	47	37.50	4	9002	OLIFANTS	8979	6	WS	6832
	8	27	18	14	16.9814	1	18	27	27.877	0	49	45.73	4	9002	OLIFANTS	8979	9	WS	6833
	8	27	19	1	27.7584	3	1	51	48.078	47	7	16.14	4	9005	TOKYO	6409	3	HB	6430
	8	27	19	1	43.7584	3	2	5	12.840	47	18	42.79	4	9005	TOKYO	6409	5	HB	6431
	8	27	22	52	43.2314	3	4	4	43.507	50	53	57.69	4	9008	SHIRAZ	9068	4	KA	7032
	8	27	22	53	15.2317	3	4	23	51.879	49	33	54.47	4	9008	SHIRAZ	9068	8	KA	7033
	8	28	0	55	32.6944	3	1	49	7.474	60	58	8.46	4	9008	SHIRAZ	9072	3	HB	7409
	8	28	0	55	56.6953	3	2	14	47.644	61	17	55.21	4	9008	SHIRAZ	9072	6	HB	9131
	8	28	6	39	31.7332	1	3	19	15.438	48	12	30.86	4	9010	JUPITER	7318	4	KA	6992
	8	28	6	40	3.7366	1	3	36	22.955	47	24	4.35	4	9010	JUPITER	7318	8	KA	6993

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	28	9	52	40.5373	3	18	7	5.800	- 8	32	55.67	4	9003	WOOMERA	10620 3	NG	6559
	8	28	10	40	53.3796	1	1	10	0.503	54	22	39.42	4	9001	ORGAN PASS	7493 3	HB	6337
	8	28	10	41	49.3801	1	2	1	52.018	55	18	58.97	4	9001	ORGAN PASS	7493 10	HB	6338
	8	28	11	54	34.4767	10	15	51	30.373	14	1	18.29	4	9003	WOOMERA	10626 4	NG	6560
	8	28	12	34	35.2621	1	2	51	28.444	68	29	28.74	4	9012	MAUI	7423 3	WS	7450
	8	28	12	34	59.2612	1	3	15	16.158	67	46	30.00	4	9012	MAUI	7423 6	WS	7451
	8	28	16	30	48.5084	3	3	4	7.526	37	24	42.86	4	9005	TOKYO	6411 2	HB	6432
	8	28	16	32	24.5116	3	3	54	23.455	35	25	21.98	4	9005	TOKYO	6411 8	HB	6433
	8	28	17	49	1.3363	1	19	51	50.308	12	0	10.63	4	9002	OLIFANTS	8994 3	KA	6834
	8	28	17	49	41.3385	1	20	13	55.831	15	20	42.23	4	9002	OLIFANTS	8994 8	KA	6835
	8	28	18	33	35.8788	3	1	32	10.920	47	5	59.31	4	9005	TOKYO	6414 3	HB	6434
	8	28	18	34	23.8795	3	2	12	2.220	47	28	23.76	4	9005	TOKYO	6414 9	HB	6435
	8	28	22	24	40.8227	3	3	35	49.060	50	14	9.25	4	9008	SHIRAZ	9078 6	SE	7399
	8	28	22	24	56.8230	3	3	45	33.228	49	39	56.06	4	9008	SHIRAZ	9078 8	SE	7400
	8	29	0	27	54.8939	3	1	45	34.167	61	7	21.85	4	9008	SHIRAZ	9082 3	SE	7401
	8	29	0	28	26.8954	3	2	19	37.586	61	17	12.45	4	9008	SHIRAZ	9082 7	SE	7402
	8	29	8	13	38.2351	1	4	12	22.139	35	21	55.55	4	9001	ORGAN PASS	7500 4	KA	6475
	8	29	8	14	10.2359	1	4	23	50.115	34	29	43.54	4	9001	ORGAN PASS	7500 8	KA	6476
	8	29	8	15	59.2613	1	2	33	55.025	64	44	10.99	4	9010	JUPITER	7322 3	SE	6994
	8	29	8	16	31.2611	1	3	7	31.138	63	56	37.40	4	9010	JUPITER	7322 7	SE	6995
	8	29	10	14	30.2853	1	2	14	40.896	54	49	13.34	4	9001	ORGAN PASS	7503 3	KA	7662
	8	29	10	14	38.2833	1	2	22	0.959	54	44	37.30	4	9001	ORGAN PASS	7503 4	KA	7663
	8	29	12	8	13.0315	1	3	49	7.175	63	58	13.49	4	9012	MAUI	7432 4	KA	7112
	8	29	12	9	49.0231	1	4	45	17.097	59	12	39.53	4	9012	MAUI	7432 10	KA	7113
	8	29	14	11	40.6690	1	0	50	36.493	74	6	27.71	4	9012	MAUI	7435 3	KA	7114
	8	29	14	13	37.9419	1	3	46	7.460	73	42	1.91	4	9012	MAUI	7435 13	KA	7115
	8	29	17	15	42.1181	1	13	14	15.239	-32	39	34.05	4	9002	OLIFANTS	9014 5	KA	8731
	8	29	17	16	6.1159	1	13	37	57.559	-32	25	12.44	4	9002	OLIFANTS	9014 8	KA	8732
	8	29	18	5	0.7839	3	0	41	1.019	46	0	39.01	4	9005	TOKYO	6419 3	HB	6436
	8	29	18	5	32.7846	3	1	5	44.593	46	48	42.86	4	9005	TOKYO	6419 7	HB	6437
	8	29	19	22	26.3897	1	16	12	27.813	20	43	3.82	4	9002	OLIFANTS	9022 2	PB	6838
	8	29	21	57	32.7112	3	3	40	8.359	47	32	8.12	4	9008	SHIRAZ	9086 8	SE	7403
	8	29	21	58	11.2275	3	3	59	40.501	46	4	49.00	4	9008	SHIRAZ	9086 12	SE	7404
	8	29	23	59	50.8425	3	1	17	21.244	60	52	56.78	4	9008	SHIRAZ	9089 3	HB	7405
	8	30	0	0	19.6976	3	1	47	12.439	61	10	53.10	4	9008	SHIRAZ	9089 6	HB	8837
	8	30	1	56	58.9056	1	4	41	30.158	29	22	39.73	4	9004	SAN FERNAN	6417 3	HB	6555
	8	30	1	57	22.9065	1	4	49	20.436	28	36	26.61	4	9004	SAN FERNAN	6417 6	HB	6556
	8	30	3	55	6.0539	1	1	5	22.110	44	44	51.83	4	9004	SAN FERNAN	6419 2	NG	7052
	8	30	3	55	38.0533	1	1	30	13.245	45	9	5.30	4	9004	SAN FERNAN	6419 6	NG	7053
	8	30	5	46	51.5101	1	4	9	25.752	68	20	20.82	4	9009	CURACAO	5867 2	WS	6972
	8	30	7	44	27.7279	1	3	19	38.280	36	7	41.95	4	9001	ORGAN PASS	7512 4	HB	6477
	8	30	7	44	43.7279	1	3	26	15.553	35	48	45.30	4	9001	ORGAN PASS	7512 6	HB	6478
	8	30	7	49	18.0510	1	3	26	20.037	61	44	57.77	4	9010	JUPITER	7324 4	SE	6996
	8	30	7	49	34.0489	1	3	39	44.097	61	1	26.28	4	9010	JUPITER	7324 6	SE	6997
	8	30	9	47	9.8012	1	2	26	16.726	53	52	15.22	4	9001	ORGAN PASS	7513 6	HB	6479

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	30	9	47	17.8011	1	2	33	9.702	53	42	6.16	4	9001	ORGAN PASS	7513	8	HB	6480
	8	30	11	40	19.4829	1	3	28	31.221	62	49	38.27	4	9012	MAUI	7442	4	WS	7116
	8	30	11	40	35.4827	1	3	38	56.051	62	7	14.25	4	9012	MAUI	7442	8	WS	7117
	8	30	13	44	9.6472	1	1	10	54.159	74	33	32.85	4	9012	MAUI	7447	2	WS	7118
	8	30	13	45	5.6456	1	2	35	24.226	74	28	55.10	4	9012	MAUI	7447	9	WS	7119
	8	30	17	38	22.7337	3	1	23	33.676	47	13	58.76	4	9005	TOKYO	6422	3	WS	6438
	8	30	17	39	10.7346	3	2	2	30.224	47	8	48.36	4	9005	TOKYO	6422	9	WS	6439
	8	30	18	54	25.3889	1	15	29	30.873	15	44	3.52	4	9002	OLIFANTS	9040	4	PB	6839
	8	30	18	55	5.3922	1	15	50	20.420	19	41	22.87	4	9002	OLIFANTS	9040	9	PB	6840
	8	30	18	56	42.3426	1	16	43	26.991	29	8	15.64	4	9002	OLIFANTS	9041	4	PB	6841
	8	30	18	57	30.3444	1	17	10	40.834	33	25	32.13	4	9002	OLIFANTS	9041	10	PB	6842
	8	30	21	29	57.1203	3	3	28	26.541	45	46	46.20	4	9008	SHIRAZ	9095	4	WS	7235
	8	30	21	30	21.1212	3	3	39	55.678	44	55	59.62	4	9008	SHIRAZ	9095	7	WS	6443
	8	30	23	32	55.7405	3	2	2	27.349	60	56	27.90	4	9008	SHIRAZ	9097	3	TJ	7511
	8	30	23	33	43.7757	3	2	50	21.424	59	55	3.62	4	9008	SHIRAZ	9097	9	TJ	7017
	8	31	0	51	21.1287	1	18	47	9.008	-59	45	40.50	4	9009	CURACAO	5871	5	FI	6977
	8	31	1	25	49.5971	1	3	0	47.552	34	2	24.33	4	9004	SAN FERNAN	6426	2	LE	7054
	8	31	1	26	13.5968	1	3	12	6.844	33	33	18.42	4	9004	SAN FERNAN	6426	5	LE	7055
	8	31	3	28	23.2343	1	1	43	45.726	45	17	37.97	4	9004	SAN FERNAN	6428	2	LE	7056
	8	31	3	28	47.2341	1	2	2	39.521	45	5	45.56	4	9004	SAN FERNAN	6428	5	LE	7057
	8	31	7	16	22.4757	1	2	53	54.250	35	0	53.67	4	9001	ORGAN PASS	7523	2	HB	6481
	8	31	7	17	28.9753	1	3	20	2.639	33	53	11.60	4	9001	ORGAN PASS	7523	10	HB	6482
	8	31	7	21	23.5346	1	3	8	3.895	61	1	48.64	4	9010	JUPITER	7329	3	LE	7526
	8	31	7	21	39.5364	1	3	20	57.995	60	19	20.54	4	9010	JUPITER	7329	5	LE	7527
	8	31	9	25	58.2689	1	1	48	58.579	62	50	43.68	4	9010	JUPITER	7334	5	LE	7528
	8	31	9	26	14.2689	1	2	5	55.287	62	48	59.28	4	9010	JUPITER	7334	7	LE	7529
	8	31	9	32	43.0069	1	5	44	1.209	71	13	4.84	4	9009	CURACAO	5875	4	FI	6978
	8	31	9	33	23.0066	1	6	16	33.008	68	29	56.23	4	9009	CURACAO	5875	9	FI	6979
	8	31	11	13	22.7069	1	3	42	18.838	59	4	7.74	4	9012	MAUI	7453	3	SS	8836
	8	31	11	13	54.7062	1	3	58	3.322	57	34	16.38	4	9012	MAUI	7453	7	SS	7121
	8	31	13	16	22.2389	1	1	10	54.535	74	33	43.37	4	9012	MAUI	7455	2	SS	7122
	8	31	13	17	2.2382	1	2	10	24.102	74	23	5.78	4	9012	MAUI	7455	7	SS	7123
	8	31	15	18	19.5028	1	22	33	13.170	54	55	58.04	4	9012	MAUI	7459	3	SS	7124
	8	31	15	19	7.5022	1	22	53	8.573	57	15	41.44	4	9012	MAUI	7459	9	SS	7125
	8	31	17	14	0.2842	3	3	41	43.563	41	47	27.75	4	9005	TOKYO	6425	10	WS	6440
	8	31	17	14	8.2844	3	3	46	26.504	41	24	15.50	4	9005	TOKYO	6425	11	WS	6441
	8	31	18	26	49.5328	1	14	56	36.165	12	36	6.26	4	9002	OLIFANTS	9053	6	CB	6563
	8	31	18	26	57.5332	1	15	0	57.417	13	25	42.76	4	9002	OLIFANTS	9053	8	CB	6564
	8	31	18	31	36.2266	1	17	49	40.905	40	10	49.27	4	9002	OLIFANTS	9055	5	WS	6565
	8	31	18	32	0.2279	1	18	4	26.854	41	45	58.83	4	9002	OLIFANTS	9055	8	WS	6566
	8	31	21	8	30.8760	3	3	35	52.206	56	45	59.88	4	9006	NAIN TAL	4773	16	WS	6567
	8	31	23	5	28.0732	3	2	14	36.506	60	15	55.24	4	9008	SHIRAZ	9107	4	HB	7407
	8	31	23	6	0.0746	3	2	44	48.892	59	18	54.47	4	9008	SHIRAZ	9107	8	HB	7408
	8	31	23	13	21.5229	3	2	43	43.020	52	58	51.50	4	9006	NAIN TAL	4778	2	CB	6561
	8	31	23	14	34.0428	3	3	45	24.970	50	0	50.04	4	9006	NAIN TAL	4778	11	CB	6562

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	1	0	24	53.8496	1	19	30	2.849	-58	22	16.20	4	9009	CURACAO	5876	3	KA	9303
	9	1	0	25	25.8483	1	19	52	52.466	-55	22	0.47	4	9009	CURACAO	5876	7	KA	9304
	9	1	0	59	12.7319	1	3	14	51.034	31	29	33.04	4	9004	SAN FERNAN	6434	2	TJ	8753
	9	1	0	59	28.7322	1	3	21	14.585	31	8	23.51	4	9004	SAN FERNAN	6434	4	KA	8754
	9	1	1	7	30.0224	1	23	33	36.209	47	21	14.95	4	9008	SHIRAZ	9110	1	SC	9010
	9	1	1	7	46.0228	1	23	42	16.117	47	54	49.13	4	9008	SHIRAZ	9110	3	SC	9011
	9	1	8	58	51.0201	1	2	25	52.865	62	54	25.86	4	9010	JUPITER	7340	4	TJ	8803
	9	1	8	59	15.0182	1	2	50	40.307	62	15	13.24	4	9010	JUPITER	7340	7	TJ	8804
	9	1	10	46	29.7559	1	3	50	22.210	55	5	1.91	4	9012	MAUI	7462	4	KA	9824
	9	1	10	47	33.7492	1	4	14	6.347	52	9	53.68	4	9012	MAUI	7462	7	KA	9170
	9	1	12	49	10.4481	1	2	5	25.572	74	4	20.16	4	9012	MAUI	7464	2	WS	9825
	9	1	12	49	50.4473	1	2	57	58.623	72	49	52.32	4	9012	MAUI	7464	7	WS	9171
	9	1	14	57	47.1637	1	4	17	51.204	63	28	50.17	4	9012	MAUI	7468	2	WS	9826
	9	1	14	58	19.1620	1	4	45	56.290	61	30	11.03	4	9012	MAUI	7468	6	WS	9172
	9	1	17	58	49.0432	10	14	7	56.161	6	27	24.19	4	9002	OLIFANTS	9065	3	TJ	8163
	9	1	17	59	21.0462	10	14	25	49.917	9	46	43.77	4	9002	OLIFANTS	9065	7	TJ	8164
	9	1	18	3	49.4148	1	17	21	52.983	38	13	35.25	4	9002	OLIFANTS	9067	1	SE	8165
	9	1	18	4	21.4173	1	17	43	31.457	40	34	49.90	4	9002	OLIFANTS	9067	5	SE	8166
	9	1	20	34	26.8170	1	2	57	15.073	42	44	2.84	4	9008	SHIRAZ	9117	1	SC	9012
	9	1	20	35	30.8358	1	3	23	33.105	40	45	4.40	4	9008	SHIRAZ	9117	9	SC	9013
	9	1	22	38	51.6551	1	3	9	10.434	56	58	7.96	4	9008	SHIRAZ	9118	3	SS	9014
	9	1	22	39	7.6554	1	3	21	13.364	56	9	10.49	4	9008	SHIRAZ	9118	5	SS	9015
	9	2	0	32	29.7341	1	3	21	29.895	29	5	22.30	4	9004	SAN FERNAN	6440	2	HB	8755
	9	2	0	33	27.3136	1	3	40	25.738	27	47	37.55	4	9004	SAN FERNAN	6440	5	HB	8756
	9	2	0	43	54.6284	1	2	26	10.064	51	46	59.95	4	9008	SHIRAZ	9123	3	PB	9016
	9	2	0	44	10.6294	1	2	39	39.086	51	18	40.41	4	9008	SHIRAZ	9123	5	PB	9526
	9	2	2	34	46.8167	1	2	49	0.858	42	7	35.44	4	9004	SAN FERNAN	6442	6	CB	8757
	9	2	2	35	44.3499	1	3	24	11.384	39	38	27.87	4	9004	SAN FERNAN	6442	9	CB	8758
	9	2	4	38	41.5471	1	1	54	4.857	+35	27	6.01	4	9004	SAN FERNAN	6445	1	CB	8759
	9	2	4	39	5.5469	1	2	10	10.539	34	49	14.60	4	9004	SAN FERNAN	6445	4	PB	8760
	9	2	6	27	15.5092	1	3	41	16.617	54	18	2.60	4	9010	JUPITER	7349	3	MJ	8805
	9	2	6	27	47.5113	1	3	57	21.278	52	32	46.84	4	9010	JUPITER	7349	7	MJ	8806
	9	2	8	30	40.6657	1	1	58	29.273	63	38	32.80	4	9010	JUPITER	7353	5	MJ	8807
	9	2	8	31	4.6659	1	2	23	36.703	63	5	7.49	4	9010	JUPITER	7353	8	MJ	8808
	9	2	12	21	35.9603	1	2	24	54.226	73	8	19.63	4	9012	MAUI	7472	2	CB	9173
	9	2	12	22	15.9596	1	3	10	45.580	71	25	16.36	4	9012	MAUI	7472	7	CB	9174
	9	2	14	29	20.4975	1	3	37	49.797	65	39	40.86	4	9012	MAUI	7476	2	CB	9175
	9	2	14	29	44.4968	1	4	0	42.758	64	26	8.33	4	9012	MAUI	7476	5	CB	9176
	9	2	17	31	50.8772	1	13	52	29.605	6	21	15.53	4	9002	OLIFANTS	9079	12	NG	8167
	9	2	22	12	22.3089	1	3	50	23.072	51	40	35.57	4	9008	SHIRAZ	9129	4	PB	9018
	9	2	22	12	38.3090	1	3	58	58.731	50	41	45.58	4	9008	SHIRAZ	9129	6	PB	9019
	9	3	0	15	50.3488	1	2	6	26.691	53	13	19.30	4	9008	SHIRAZ	9132	5	CB	9020
	9	3	0	16	22.3501	1	2	33	34.190	52	15	8.63	4	9008	SHIRAZ	9132	9	CB	9021
	9	3	1	34	7.4623	1	16	45	56.805	-25	13	36.62	4	9009	CURACAO	5879	6	BZ	9305
	9	3	7	58	52.8120	1	3	29	46.558	43	17	1.71	4	9001	ORGAN PASS	7531	3	BZ	8145

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	3	7	59	16.8124	1	3	40	22.981	42	6	52.83	4	9001	ORGAN PASS	7531	6	BZ	8146
	9	3	8	2	57.0008	1	2	1	32.700	63	44	7.32	4	9010	JUPITER	7359	2	TJ	9123
	9	3	8	3	36.9996	1	2	41	30.968	62	20	4.58	4	9010	JUPITER	7359	7	TJ	8810
	9	3	10	1	45.8878	1	2	4	9.306	51	23	15.42	4	9001	ORGAN PASS	7535	3	KA	8147
	9	3	10	1	57.8880	1	2	14	3.981	50	59	55.40	4	9001	ORGAN PASS	7535	6	KA	8148
	9	3	10	4	4.1441	1	23	7	10.334	43	23	43.62	4	9010	JUPITER	7364	3	NG	8811
	9	3	10	4	36.1407	1	23	21	11.475	44	10	3.47	4	9010	JUPITER	7364	7	NG	8812
	9	3	11	55	1.9824	1	3	36	57.334	68	29	25.79	4	9012	MAUI	7481	2	NG	9177
	9	3	11	55	17.9824	1	3	48	47.868	67	30	23.01	4	9012	MAUI	7481	4	NG	9178
	9	3	14	1	28.7797	1	3	34	21.886	65	53	36.86	4	9012	MAUI	7485	2	NG	9179
	9	3	14	2	48.7705	1	4	39	49.447	60	51	42.46	4	9012	MAUI	7485	7	NG	9180
	9	3	17	3	3.8093	1	12	34	17.207	- 4	33	31.64	4	9002	OLIFANTS	9092	4	KA	8168
	9	3	17	4	15.8227	1	13	14	44.639	2	1	38.12	4	9002	OLIFANTS	9092	13	KA	8169
	9	3	17	8	46.6799	1	16	42	32.580	35	41	21.04	4	9002	OLIFANTS	9093	5	BZ	8170
	9	3	17	9	2.6831	1	16	55	42.748	37	8	21.44	4	9002	OLIFANTS	9093	7	BZ	8171
	9	3	19	46	38.8558	1	3	52	43.329	48	36	36.02	4	9006	NAIN TAL	4787	3	KA	8787
	9	3	19	47	43.5131	1	4	18	52.028	44	48	0.30	4	9006	NAIN TAL	4787	8	KA	8788
	9	3	21	45	8.4855	1	3	55	34.014	48	35	54.29	4	9008	SHIRAZ	9142	5	SS	9022
	9	3	21	45	40.4860	1	4	9	29.890	46	38	25.02	4	9008	SHIRAZ	9142	7	SS	9023
	9	3	22	58	38.4093	1	14	55	10.914	26	49	11.10	4	9011	VILLA DOLO	6572	3	SC	8771
	9	3	22	58	58.4096	1	15	11	13.437	29	1	59.00	4	9011	VILLA DOLO	6572	8	TJ	9820
	9	3	23	47	39.1045	1	1	42	33.968	54	39	42.62	4	9008	SHIRAZ	9145	1	SS	9024
	9	4	1	7	32.1288	1	17	1	43.756	-25	51	54.45	4	9009	CURACAO	5884	3	SE	9044
	9	4	1	7	48.1291	1	17	11	43.433	-24	18	54.90	4	9009	CURACAO	5884	5	SE	9045
	9	4	3	8	34.5362	1	20	26	13.953	-38	42	8.87	4	9001	ORGAN PASS	7542	3	BZ	8149
	9	4	5	31	14.6322	1	1	47	1.096	80	5	35.02	4	9009	CURACAO	5886	1	SC	9823
	9	4	5	31	54.6339	1	2	45	49.286	78	28	57.50	4	9009	CURACAO	5886	7	SC	9047
	9	4	7	39	43.9013	1	3	55	10.574	75	18	57.61	4	9009	CURACAO	5890	2	WS	8917
	9	4	7	40	23.9019	1	4	33	3.276	73	6	15.22	4	9009	CURACAO	5890	7	WS	9125
	9	4	20	50	2.0820	1	19	50	1.371	-36	58	57.13	4	9004	SAN FERNAN	6454	2	HB	8761
	9	4	20	50	26.0821	1	20	0	55.988	-35	27	31.80	4	9004	SAN FERNAN	6454	5	HB	8762
	9	4	21	17	42.0973	1	3	52	19.792	46	13	7.69	4	9008	SHIRAZ	9159	5	SS	9025
	9	4	21	17	58.0977	1	3	58	34.035	45	16	12.08	4	9008	SHIRAZ	9159	7	SS	9026
	9	4	23	20	17.7689	1	2	4	1.220	54	34	31.53	4	9008	SHIRAZ	9162	1	SS	9312
	9	4	23	20	41.7705	1	2	24	4.852	53	35	26.26	4	9008	SHIRAZ	9162	4	SS	9313
	9	5	0	41	22.5413	1	17	46	42.238	-22	49	6.27	4	9009	CURACAO	5892	2	TJ	9048
	9	5	0	41	38.5413	1	17	58	52.404	-20	40	11.55	4	9009	CURACAO	5892	4	TJ	9049
	9	5	1	12	33.0331	1	2	55	28.221	37	11	46.22	4	9004	SAN FERNAN	6459	1	PB	8763
	9	5	1	13	5.0332	1	3	10	17.577	35	43	47.87	4	9004	SAN FERNAN	6459	5	PB	8764
	9	5	3	15	40.9514	1	1	46	8.995	38	7	10.87	4	9004	SAN FERNAN	6463	1	BZ	8765
	9	5	3	16	12.9513	1	2	7	43.910	36	54	8.29	4	9004	SAN FERNAN	6463	5	BZ	8766
	9	5	5	4	19.5764	1	3	2	50.635	76	44	33.21	4	9009	CURACAO	5895	1	TJ	9050
	9	5	5	4	59.5766	1	3	35	31.351	74	26	32.22	4	9009	CURACAO	5895	6	TJ	9051
	9	5	6	36	46.1709	1	18	52	2.554	-29	14	55.94	4	9012	MAUI	7491	2	SC	9181
	9	5	6	37	34.1690	1	19	24	21.334	-23	44	11.52	4	9012	MAUI	7491	8	SC	9182

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	1	0	24	53.8496	1	19	30	2.849	-58	22	16.20	4	9009	CURACAO	5876 3	KA	9303
	9	1	0	25	25.8483	1	19	52	52.466	-55	22	0.47	4	9009	CURACAO	5876 7	KA	9304
	9	1	0	59	12.7319	1	3	14	51.034	31	29	33.04	4	9004	SAN FERNAN	6434 2	TJ	8753
	9	1	0	59	28.7322	1	3	21	14.585	31	8	23.51	4	9004	SAN FERNAN	6434 4	KA	8754
	9	1	1	7	30.0224	1	23	33	36.209	47	21	14.95	4	9008	SHIRAZ	9110 1	SC	9010
	9	1	1	7	46.0228	1	23	42	16.117	47	54	49.13	4	9008	SHIRAZ	9110 3	SC	9011
	9	1	8	58	51.0201	1	2	25	52.865	62	54	25.86	4	9010	JUPITER	7340 4	TJ	8803
	9	1	8	59	15.0182	1	2	50	40.307	62	15	13.24	4	9010	JUPITER	7340 7	TJ	8804
	9	1	10	46	29.7559	1	3	50	22.210	55	5	1.91	4	9012	MAUI	7462 4	KA	9824
	9	1	10	47	33.7492	1	4	14	6.347	52	9	53.68	4	9012	MAUI	7462 7	KA	9170
	9	1	12	49	10.4481	1	2	5	25.572	74	4	20.16	4	9012	MAUI	7464 2	WS	9825
	9	1	12	49	50.4473	1	2	57	58.623	72	49	52.32	4	9012	MAUI	7464 7	WS	9171
	9	1	14	57	47.1637	1	4	17	51.204	63	28	50.17	4	9012	MAUI	7468 2	WS	9826
	9	1	14	58	19.1620	1	4	45	56.290	61	30	31.03	4	9012	MAUI	7468 6	WS	9172
	9	1	17	58	49.0432	10	14	7	56.161	6	27	24.19	4	9002	OLIFANTS	9065 3	TJ	8163
	9	1	17	59	21.0462	10	14	25	49.917	9	46	43.77	4	9002	OLIFANTS	9065 7	TJ	8164
	9	1	18	3	49.4148	1	17	21	52.983	38	13	35.25	4	9002	OLIFANTS	9067 1	SE	8165
	9	1	18	4	21.4173	1	17	43	31.457	40	34	49.90	4	9002	OLIFANTS	9067 5	SE	8166
	9	1	20	34	26.8170	1	2	57	15.073	42	44	2.84	4	9008	SHIRAZ	9117 1	SC	9012
	9	1	20	35	30.8358	1	3	23	33.105	40	45	4.40	4	9008	SHIRAZ	9117 9	SC	9013
	9	1	22	38	51.6551	1	3	9	10.434	56	58	7.96	4	9008	SHIRAZ	9118 3	SS	9014
	9	1	22	39	7.6554	1	3	21	13.364	56	9	10.49	4	9008	SHIRAZ	9118 5	SS	9015
	9	2	0	32	29.7341	1	3	21	29.895	29	5	22.30	4	9004	SAN FERNAN	6440 2	HB	8755
	9	2	0	33	27.3136	1	3	40	25.738	27	47	37.55	4	9004	SAN FERNAN	6440 5	HB	8756
	9	2	0	43	54.6284	1	2	26	10.064	51	46	59.95	4	9008	SHIRAZ	9123 3	PB	9016
	9	2	0	44	10.6294	1	2	39	39.086	51	18	40.41	4	9008	SHIRAZ	9123 5	PB	9526
	9	2	2	34	46.8167	1	2	49	0.858	42	7	35.44	4	9004	SAN FERNAN	6442 6	CB	8757
	9	2	2	35	44.3499	1	3	24	11.384	39	38	27.87	4	9004	SAN FERNAN	6442 9	CB	8758
	9	2	4	38	41.5471	1	1	54	4.857	+35	27	6.01	4	9004	SAN FERNAN	6445 1	CB	8759
	9	2	4	39	5.5469	1	2	10	10.539	34	49	14.60	4	9004	SAN FERNAN	6445 4	PB	8760
	9	2	6	27	15.5092	1	3	41	16.617	54	18	2.60	4	9010	JUPITER	7349 3	MJ	8805
	9	2	6	27	47.5113	1	3	57	21.278	52	32	46.84	4	9010	JUPITER	7349 7	MJ	8806
	9	2	8	30	40.6657	1	1	58	29.273	63	38	32.80	4	9010	JUPITER	7353 5	MJ	8807
	9	2	8	31	4.6659	1	2	23	36.703	63	5	7.49	4	9010	JUPITER	7353 8	MJ	8808
	9	2	12	21	35.9603	1	2	24	54.226	73	8	19.63	4	9012	MAUI	7472 2	CB	9173
	9	2	12	22	15.9596	1	3	10	45.580	71	25	16.36	4	9012	MAUI	7472 7	CB	9174
	9	2	14	29	20.4975	1	3	37	49.797	65	39	40.86	4	9012	MAUI	7476 2	CB	9175
	9	2	14	29	44.4968	1	4	0	42.758	64	26	8.33	4	9012	MAUI	7476 5	CB	9176
	9	2	17	31	50.8772	1	13	52	29.605	6	21	15.53	4	9002	OLIFANTS	9079 12	NG	8167
	9	2	22	12	22.3089	1	3	50	23.072	51	40	35.57	4	9008	SHIRAZ	9129 4	PB	9018
	9	2	22	12	38.3090	1	3	58	58.731	50	41	45.58	4	9008	SHIRAZ	9129 6	PB	9019
	9	3	0	15	50.3488	1	2	6	26.691	53	13	19.30	4	9008	SHIRAZ	9132 5	CB	9020
	9	3	0	16	22.3501	1	2	33	34.190	52	15	8.63	4	9008	SHIRAZ	9132 9	CB	9021
	9	3	1	34	7.4623	1	16	45	56.805	-25	13	36.62	4	9009	CURACAO	5879 6	BZ	9305
	9	3	7	58	52.8120	1	3	29	40.558	43	17	1.71	4	9001	ORGAN PASS	7531 3	BZ	8145

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	3	7	59	16.8124	1	3	40	22.981	42	6	52.83	4	9001	ORGAN PASS	7531	6	BZ	8146
	9	3	8	2	57.0008	1	2	1	32.700	63	44	7.32	4	9010	JUPITER	7359	2	TJ	9123
	9	3	8	3	36.9996	1	2	41	30.968	62	20	4.58	4	9010	JUPITER	7359	7	TJ	8810
	9	3	10	1	45.8878	1	2	4	9.306	51	23	15.42	4	9001	ORGAN PASS	7535	3	KA	8147
	9	3	10	1	57.8880	1	2	14	3.981	50	59	55.40	4	9001	ORGAN PASS	7535	6	KA	8148
	9	3	10	4	4.1441	1	23	7	10.334	43	23	43.62	4	9010	JUPITER	7364	3	NG	8811
	9	3	10	4	36.1407	1	23	21	11.475	44	10	3.47	4	9010	JUPITER	7364	7	NG	8812
	9	3	11	55	1.9824	1	3	36	57.334	68	29	25.79	4	9012	MAUI	7481	2	NG	9177
	9	3	11	55	17.9824	1	3	48	47.868	67	30	23.01	4	9012	MAUI	7481	4	NG	9178
	9	3	14	1	28.7797	1	3	34	21.886	65	53	36.86	4	9012	MAUI	7485	2	NG	9179
	9	3	14	2	48.7705	1	4	39	49.447	60	51	42.46	4	9012	MAUI	7485	7	NG	9180
	9	3	17	3	3.8093	1	12	34	17.207	- 4	33	31.64	4	9002	OLIFANTS	9092	4	KA	8168
	9	3	17	4	15.8227	1	13	14	44.639	2	1	38.12	4	9002	OLIFANTS	9092	13	KA	8169
	9	3	17	8	46.6799	1	16	42	32.580	35	41	21.04	4	9002	OLIFANTS	9093	5	BZ	8170
	9	3	17	9	2.6831	1	16	55	42.748	37	8	21.44	4	9002	OLIFANTS	9093	7	BZ	8171
	9	3	19	46	38.8558	1	3	52	43.329	48	36	36.02	4	9006	NAIN TAL	4787	3	KA	8787
	9	3	19	47	43.5131	1	4	18	52.028	44	48	0.30	4	9006	NAIN TAL	4787	8	KA	8788
	9	3	21	45	8.4855	1	3	55	34.014	48	35	54.29	4	9008	SHIRAZ	9142	5	SS	9022
	9	3	21	45	40.4860	1	4	9	29.890	46	38	25.02	4	9008	SHIRAZ	9142	7	SS	9023
	9	3	22	58	38.4093	1	14	55	10.914	26	49	11.10	4	9011	VILLA DOLO	6572	3	SC	8771
	9	3	22	58	58.4096	1	15	11	13.437	29	1	59.00	4	9011	VILLA DOLO	6572	8	TJ	9820
	9	3	23	47	39.1045	1	1	42	33.968	54	39	42.62	4	9008	SHIRAZ	9145	1	SS	9024
	9	4	1	7	32.1288	1	17	1	43.756	-25	51	54.45	4	9009	CURACAO	5884	3	SE	9044
	9	4	1	7	48.1291	1	17	11	43.433	-24	18	54.90	4	9009	CURACAO	5884	5	SE	9045
	9	4	3	8	34.5362	1	20	26	13.953	-38	42	8.87	4	9001	ORGAN PASS	7542	3	BZ	8149
	9	4	5	31	14.6322	1	1	47	1.096	80	5	35.02	4	9009	CURACAO	5886	1	SC	9823
	9	4	5	31	54.6339	1	2	45	49.286	78	28	57.50	4	9009	CURACAO	5886	7	SC	9047
	9	4	7	39	43.9013	1	3	55	10.574	75	18	57.61	4	9009	CURACAO	5890	2	WS	8917
	9	4	7	40	23.9019	1	4	33	3.276	73	6	15.22	4	9009	CURACAO	5890	7	WS	9125
	9	4	20	50	2.0820	1	19	50	1.371	-36	58	57.13	4	9004	SAN FERNAN	6454	2	HB	8761
	9	4	20	50	26.0821	1	20	0	55.988	-35	27	31.80	4	9004	SAN FERNAN	6454	5	HB	8762
	9	4	21	17	42.0973	1	3	52	19.792	46	13	7.69	4	9008	SHIRAZ	9159	5	SS	9025
	9	4	21	17	58.0977	1	3	58	34.035	45	16	12.08	4	9008	SHIRAZ	9159	7	SS	9026
	9	4	23	20	17.7689	1	2	4	1.220	54	34	31.53	4	9008	SHIRAZ	9162	1	SS	9312
	9	4	23	20	41.7705	1	2	24	4.852	53	35	26.26	4	9008	SHIRAZ	9162	4	SS	9313
	9	5	0	41	22.5413	1	17	46	42.238	-22	49	6.27	4	9009	CURACAO	5892	2	TJ	9048
	9	5	0	41	38.5413	1	17	58	52.404	-20	40	11.55	4	9009	CURACAO	5892	4	TJ	9049
	9	5	1	12	33.0331	1	2	55	28.221	37	11	46.22	4	9004	SAN FERNAN	6459	1	PB	8763
	9	5	1	13	5.0332	1	3	10	17.577	35	43	47.87	4	9004	SAN FERNAN	6459	5	PB	8764
	9	5	3	15	40.9514	1	1	46	8.995	38	7	10.87	4	9004	SAN FERNAN	6463	1	BZ	8765
	9	5	3	16	12.9513	1	2	7	43.910	36	54	8.29	4	9004	SAN FERNAN	6463	5	BZ	8766
	9	5	5	4	19.5764	1	3	2	50.635	76	44	33.21	4	9009	CURACAO	5895	1	TJ	9050
	9	5	5	4	59.5766	1	3	35	31.351	74	26	32.22	4	9009	CURACAO	5895	6	TJ	9051
	9	5	6	36	46.1709	1	18	52	2.554	-29	14	55.94	4	9012	MAUI	7491	2	SC	9181
	9	5	6	37	34.1690	1	19	24	21.334	-23	44	11.52	4	9012	MAUI	7491	8	SC	9182

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	9	1	28	7.6665	1	3	21	1.149	26	39	21.31	4	9004	SAN FERNAN	6492	2	LE	9310
	9	9	1	28	39.6661	1	3	32	29.979	24	45	57.46	4	9004	SAN FERNAN	6492	6	LE	9311
	9	9	3	0	33.7427	1	17	13	2.168	17	24	49.68	4	9010	JUPITER	7413	5	WS	9066
	9	9	3	1	13.7356	1	17	30	17.458	22	6	18.08	4	9010	JUPITER	7413	10	WS	9067
	9	9	3	30	58.8516	1	1	58	22.500	16	34	39.14	4	9004	SAN FERNAN	6496	3	CB	8713
	9	9	3	31	14.8512	1	2	6	23.390	15	39	59.40	4	9004	SAN FERNAN	6496	5	CB	8714
	9	9	4	59	15.7118	1	17	38	39.024	8	29	39.48	4	9001	ORGAN PASS	7565	4	SC	8157
	9	9	4	59	35.7119	1	17	46	55.843	10	20	53.30	4	9001	ORGAN PASS	7565	9	SC	8158
	9	9	6	54	2.2792	1	18	33	35.144	33	24	20.05	4	9012	MAUI	7558	3	TJ	8960
	9	9	6	54	26.2773	1	18	55	42.734	36	53	16.09	4	9012	MAUI	7558	6	TJ	8961
	9	9	7	19	31.3983	1	3	47	40.611	32	23	38.68	4	9001	ORGAN PASS	7567	3	WS	8159
	9	9	7	20	11.3982	1	3	58	18.266	30	4	59.01	4	9001	ORGAN PASS	7567	8	WS	8160
	9	9	7	24	52.2875	1	3	36	4.221	41	23	39.88	4	9010	JUPITER	7415	3	PB	9068
	9	9	7	25	32.2923	1	3	54	4.277	38	8	30.53	4	9010	JUPITER	7415	8	PB	9069
	9	9	7	29	30.3939	1	4	35	9.436	54	32	23.80	4	9009	CURACAO	5934	2	BZ	9060
	9	9	7	29	38.3938	1	4	38	47.725	53	54	55.17	4	9009	CURACAO	5934	3	BZ	9061
	9	9	9	22	4.9804	1	2	33	3.661	32	56	29.26	4	9001	ORGAN PASS	7570	3	BK	8161
	9	9	9	22	36.9806	1	2	50	11.394	30	42	54.41	4	9001	ORGAN PASS	7570	7	BK	8162
	9	9	9	29	24.5618	1	2	9	23.125	17	35	13.11	4	9010	JUPITER	7418	4	PB	9070
	9	9	9	29	56.5637	1	2	25	2.290	15	22	48.91	4	9010	JUPITER	7418	8	HB	9071
	9	9	9	32	20.0880	1	1	30	19.875	36	19	11.87	4	9009	CURACAO	5937	3	LE	9126
	9	9	9	33	0.0886	1	1	49	0.869	34	41	38.17	4	9009	CURACAO	5937	8	LE	8921
	9	9	11	17	13.5279	1	4	35	29.387	49	13	56.20	4	9012	MAUI	7562	3	SC	8962
	9	9	11	17	45.5270	1	4	43	27.812	46	51	49.36	4	9012	MAUI	7562	7	SC	8963
	9	9	11	26	38.5614	1	1	39	5.248	6	41	10.58	4	9001	ORGAN PASS	7575	3	CB	8996
	9	9	11	27	18.5613	1	1	56	5.392	4	15	11.15	4	9001	ORGAN PASS	7575	8	SE	8997
	9	9	16	44	20.4728	1	20	25	48.985	11	19	36.47	4	9008	SHIRAZ	9248	5	NG	9300
	9	9	18	45	38.6013	1	17	26	57.628	23	53	55.55	4	9008	SHIRAZ	9252	3	BZ	9296
	9	9	18	46	58.6301	1	18	1	4.489	32	33	37.35	4	9008	SHIRAZ	9252	13	BZ	9297
	9	9	20	40	32.5048	1	20	31	30.666	- 4	22	29.75	4	9004	SAN FERNAN	6502	2	SS	8927
	9	9	21	6	42.6575	1	4	18	27.449	30	35	57.97	4	9008	SHIRAZ	9254	4	BZ	8535
	9	9	21	7	30.6503	1	4	29	19.652	27	39	56.56	4	9008	SHIRAZ	9254	10	PB	8536
	9	9	23	8	55.7701	1	2	46	52.135	29	50	10.36	4	9008	SHIRAZ	9258	3	HB	8548
	9	9	23	9	27.7718	1	3	3	11.091	27	25	52.60	4	9008	SHIRAZ	9258	7	HB	8549
	9	10	0	32	16.1703	1	18	4	16.045	53	13	43.71	4	9009	CURACAO	5939	3	CB	8929
	9	10	0	32	32.1712	1	18	22	20.246	55	8	19.61	4	9009	CURACAO	5939	5	CB	8930
	9	10	1	11	59.5526	1	1	10	28.164	6	20	55.56	4	9008	SHIRAZ	9264	3	HB	8849
	9	10	1	12	47.5609	1	1	28	45.340	3	32	26.20	4	9008	SHIRAZ	9264	9	HB	8547
	9	10	2	34	34.4079	1	17	47	58.974	27	55	51.59	4	9010	JUPITER	7427	4	SS	8550
	9	10	2	34	42.4070	1	17	52	59.063	29	2	18.19	4	9010	JUPITER	7427	6	SS	8551
	9	10	4	32	33.6429	1	17	48	51.069	11	28	3.76	4	9001	ORGAN PASS	7584	4	SS	8514
	9	10	4	32	37.6430	1	17	50	53.267	11	53	34.97	4	9001	ORGAN PASS	7584	5	SS	8515
	9	10	6	58	42.3671	1	4	11	24.898	32	56	0.61	4	9010	JUPITER	7428	3	PB	8891
	9	10	6	58	58.3676	1	4	16	33.952	31	41	10.04	4	9010	JUPITER	7428	5	HB	8892
	9	10	7	0	40.6027	1	4	8	2.042	58	17	19.34	4	9009	CURACAO	5941	3	HB	9074

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	10	7	1	20.6032	1	4	26	29.911	55	13	40.61	4	9009	CURACAO	5941	8	HB	9075
	9	10	8	56	11.9686	1	3	25	33.494	24	49	46.08	4	9001	ORGAN PASS	7586	4	SE	8717
	9	10	8	56	27.9690	1	3	31	51.056	23	40	40.46	4	9001	ORGAN PASS	7586	6	SE	8718
	9	10	9	8	16.6015	1	3	21	51.315	24	58	41.15	4	9009	CURACAO	5943	2	LE	8919
	9	10	9	8	56.6018	1	3	41	36.167	21	32	22.88	4	9009	CURACAO	5943	7	LE	8920
	9	10	10	58	22.3339	1	1	21	42.504	9	39	5.65	4	9001	ORGAN PASS	7592	3	SS	8721
	9	10	10	58	54.3335	1	1	35	50.387	7	45	53.41	4	9001	ORGAN PASS	7592	7	SS	8722
	9	10	16	48	41.3751	1	3	14	13.639	12	45	57.45	4	9005	TOKYO	6456	3	WS	8580
	9	10	16	49	21.3753	1	3	29	6.354	10	17	43.09	4	9005	TOKYO	6456	8	TJ	8581
	9	10	18	18	35.0789	1	17	24	41.714	26	34	43.02	4	9008	SHIRAZ	9271	2	SS	8848
	9	10	18	19	7.0803	1	17	39	59.890	30	22	19.22	4	9008	SHIRAZ	9271	6	SS	8545
	9	10	20	14	48.3415	1	21	34	56.471	2	33	21.25	4	9004	SAN FERNAN	6506	4	SS	8928
	9	10	22	42	46.3869	1	3	31	52.326	22	36	35.48	4	9008	SHIRAZ	9273	5	KA	8847
	9	10	22	43	34.3890	1	3	50	15.881	18	57	40.29	4	9008	SHIRAZ	9273	11	KA	8542
	9	11	0	4	2.3536	1	17	20	37.300	46	34	30.11	4	9009	CURACAO	5944	4	SS	9076
	9	11	0	4	26.3549	1	17	47	27.572	50	15	15.27	4	9009	CURACAO	5944	7	SS	9077
	9	11	0	34	33.5973	1	3	39	19.344	19	13	4.89	4	9004	SAN FERNAN	6512	8	KA	8711
	9	11	0	34	49.5973	1	3	43	14.835	18	25	47.79	4	9004	SAN FERNAN	6512	10	KA	8712
	9	11	0	46	6.3452	1	1	49	54.721	0	30	57.95	4	9008	SHIRAZ	9277	8	TJ	8540
	9	11	0	46	22.3463	1	1	56	20.107	- 0	32	51.24	4	9008	SHIRAZ	9277	10	KA	8541
	9	11	4	6	1.0859	1	18	14	21.580	16	16	4.04	4	9001	ORGAN PASS	7599	3	SE	8505
	9	11	4	6	25.0862	1	18	31	2.672	19	13	20.88	4	9001	ORGAN PASS	7599	9	SE	8506
	9	11	4	40	0.5690	1	1	23	7.319	- 5	26	41.71	4	9004	SAN FERNAN	6515	3	BZ	8709
	9	11	4	40	32.5692	1	1	34	32.506	- 7	12	26.05	4	9004	SAN FERNAN	6515	7	KA	8710
	9	11	5	59	58.1375	1	19	41	39.061	36	35	53.88	4	9012	MAUI	7567	3	FI	9392
	9	11	6	0	30.1346	1	20	17	1.903	39	44	51.96	4	9012	MAUI	7567	7	FI	9393
	9	11	6	32	27.6210	1	4	30	19.978	25	28	39.09	4	9010	JUPITER	7435	4	HB	8893
	9	11	6	32	43.6213	1	4	34	7.223	24	22	58.66	4	9010	JUPITER	7435	6	HB	8894
	9	11	8	3	47.0234	1	16	58	22.537	54	57	17.65	4	9012	MAUI	7573	3	FI	9394
	9	11	8	4	19.0221	1	17	17	9.285	59	0	31.80	4	9012	MAUI	7573	7	FI	9395
	9	11	8	30	19.0558	1	3	59	11.453	16	54	42.47	4	9001	ORGAN PASS	7602	2	BZ	8512
	9	11	8	30	43.0558	1	4	5	56.029	15	24	23.27	4	9001	ORGAN PASS	7602	8	BZ	8513
	9	11	8	40	4.4582	1	3	13	45.375	28	22	57.63	4	9009	CURACAO	5948	3	SS	9078
	9	11	8	40	36.4590	1	3	29	31.269	25	42	35.38	4	9009	CURACAO	5948	7	SS	9079
	9	11	10	32	50.9765	1	2	18	36.547	2	12	34.49	4	9001	ORGAN PASS	7606	3	CB	8715
	9	11	10	33	6.9767	1	2	25	23.832	1	9	24.61	4	9001	ORGAN PASS	7606	7	CB	8716
	9	11	11	58	6.7604	1	18	14	56.424	11	55	53.58	4	9005	TOKYO	6460	4	HB	8582
	9	11	11	58	30.7605	1	18	29	49.583	14	25	21.00	4	9005	TOKYO	6460	10	HB	8583
	9	11	12	28	36.5989	1	4	29	57.082	32	11	0.82	4	9012	MAUI	7574	3	FI	232
	9	11	12	29	24.5974	1	4	44	21.582	28	11	49.72	4	9012	MAUI	7574	9	FI	9397
	9	11	14	31	43.9591	1	2	12	38.890	13	10	38.28	4	9012	MAUI	7578	2	FI	9398
	9	11	14	32	31.9479	1	2	34	25.960	9	23	59.82	4	9012	MAUI	7578	8	FI	233
	9	11	15	49	34.8608	1	20	36	31.502	5	59	9.00	4	9008	SHIRAZ	9280	4	SS	8537
	9	11	15	50	38.8673	1	21	24	0.899	12	40	29.36	4	9008	SHIRAZ	9280	12	SS	8846
	9	11	15	50	54.8700	1	21	35	4.227	14	3	29.28	4	9008	SHIRAZ	9280	14	PB	8539

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	11	17	51	55.9422	1	17	41	16.388	32	56	30.74	4	9008	SHIRAZ	9284	4	NG	9528
	9	11	17	52	43.9438	1	18	14	20.798	39	19	23.37	4	9008	SHIRAZ	9284	10	NG	9039
	9	11	18	23	57.3599	1	1	46	41.055	- 4	38	16.45	4	9005	TOKYO	6464	3	TJ	9863
	9	11	18	24	45.3584	1	2	5	8.384	- 7	25	43.36	4	9005	TOKYO	6464	6	TJ	8585
	9	12	1	43	39.1696	1	17	0	20.516	75	3	34.55	4	9009	CURACAO	5956	3	WS	8910
	9	12	1	43	55.1701	1	17	18	15.877	76	36	57.59	4	9009	CURACAO	5956	5	WS	8909
	9	12	2	12	22.4764	1	3	41	46.775	1	55	53.80	4	9004	SAN FERNAN	6525	3	PB	8706
	9	12	2	12	38.4764	1	3	46	27.230	1	6	37.93	4	9004	SAN FERNAN	6525	5	NG	8707
	9	12	5	32	36.4681	1	19	57	59.216	34	2	47.14	4	9012	MAUI	7582	3	FI	234
	9	12	5	33	8.4651	1	20	32	30.315	36	54	45.07	4	9012	MAUI	7582	7	FI	9400
	9	12	7	37	5.9494	1	17	24	47.155	63	32	6.24	4	9012	MAUI	7586	3	FI	235
	9	12	7	37	37.9481	1	17	57	24.639	67	21	49.22	4	9012	MAUI	7586	7	FI	9402
	9	12	8	8	43.7201	1	3	24	21.836	8	56	49.40	4	9010	JUPITER	7441	3	HB	8895
	9	12	8	8	51.7193	1	3	27	32.080	8	20	10.27	4	9010	JUPITER	7441	4	HB	8896
	9	12	10	7	52.4198	1	0	27	38.691	1	55	18.06	4	9010	JUPITER	7444	2	CB	8897
	9	12	10	8	8.4208	1	0	32	25.633	1	4	43.57	4	9010	JUPITER	7444	4	CB	8898
	9	12	14	5	8.7125	1	2	47	37.596	8	41	19.19	4	9012	MAUI	7589	2	FI	8964
	9	12	14	5	32.7113	1	2	58	16.686	6	40	37.59	4	9012	MAUI	7589	5	FI	8965
	9	12	17	25	28.1485	1	18	24	55.825	41	48	42.32	4	9008	SHIRAZ	9300	3	SS	8874
	9	12	17	26	8.1513	1	19	5	48.527	46	47	43.61	4	9008	SHIRAZ	9300	8	SS	8875
	9	12	21	50	46.6806	1	4	26	40.015	8	10	18.17	4	9008	SHIRAZ	9303	4	SS	8873
	9	12	23	52	51.6630	1	2	42	58.093	- 7	6	23.59	4	9008	SHIRAZ	9307	5	HB	8533
	9	12	23	53	31.6648	1	2	58	21.324	- 9	43	50.83	4	9008	SHIRAZ	9307	10	SS	8534
	9	13	7	9	39.6761	1	17	29	50.547	66	28	30.98	4	9012	MAUI	7601	3	HB	9382
	9	13	7	10	11.6747	1	18	13	0.504	70	8	14.54	4	9012	MAUI	7601	7	HB	9383
	9	13	11	4	46.8781	1	19	24	27.937	19	16	2.33	4	9005	TOKYO	6472	4	HB	8586
	9	13	11	5	2.8781	1	19	39	28.873	20	58	6.50	4	9005	TOKYO	6472	8	TJ	8587
	9	13	13	7	37.8045	1	18	7	7.949	31	9	34.47	4	9005	TOKYO	6474	6	CB	8588
	9	13	13	8	1.8045	1	18	20	29.529	33	21	42.56	4	9005	TOKYO	6474	12	CB	8589
	9	13	13	39	23.4140	1	3	41	48.615	- 0	28	7.55	4	9012	MAUI	7607	5	HB	9384
	9	13	13	39	55.4128	1	3	54	3.789	- 2	59	11.10	4	9012	MAUI	7607	9	HB	9385
	9	13	16	58	18.0314	1	18	49	45.438	44	47	54.09	4	9008	SHIRAZ	9315	2	SS	8876
	9	13	16	59	14.0358	1	20	0	48.157	50	21	4.44	4	9008	SHIRAZ	9315	9	SS	8877
	9	14	0	46	38.6175	1	19	59	24.513	39	32	56.54	4	9010	JUPITER	7448	4	CB	8899
	9	14	0	46	50.6195	1	20	14	23.941	40	29	56.35	4	9010	JUPITER	7448	7	CB	4849
	9	14	0	47	18.0228	1	15	39	49.844	70	54	42.17	4	9009	CURACAO	5966	2	LE	8947
	9	14	0	47	50.0245	1	16	8	13.936	74	48	57.49	4	9009	CURACAO	5966	6	LE	8948
	9	14	2	49	41.9816	1	17	5	20.534	52	8	27.39	4	9010	JUPITER	7451	3	SS	8901
	9	14	2	49	45.9812	1	17	7	56.791	52	40	35.16	4	9010	JUPITER	7451	4	SS	8902
	9	14	4	46	57.4476	1	17	1	38.132	31	22	42.30	4	9001	ORGAN PASS	7623	3	HB	8510
	9	14	4	47	29.4481	1	17	17	36.267	35	3	14.72	4	9001	ORGAN PASS	7623	7	HB	8511
	9	14	16	31	55.9691	1	20	32	30.469	50	8	35.30	4	9008	SHIRAZ	9319	4	SC	8878
	9	14	16	32	35.9716	1	21	26	38.669	50	56	51.05	4	9008	SHIRAZ	9319	9	SC	9819
	9	14	18	33	38.5764	1	17	7	51.439	45	5	55.81	4	9008	SHIRAZ	9321	4	HB	9008
	9	14	18	34	18.5773	1	17	30	0.747	49	42	33.57	4	9008	SHIRAZ	9321	9	H	9009

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	14	23	1	31.1693	1	4	6	42.030	-19	37	44.43	4	9008	SHIRAZ	9322	4	HB	8879
	9	14	23	1	47.7140	1	4	11	23.663	-20	21	46.43	4	9008	SHIRAZ	9322	6	HB	8880
	9	15	0	18	45.3452	1	14	49	33.842	64	41	32.08	4	9009	CURACAO	5970	2	KA	8949
	9	15	0	19	33.3454	1	15	20	20.251	71	27	52.40	4	9009	CURACAO	5970	8	KA	8950
	9	15	2	17	53.7340	1	20	0	46.337	20	35	0.80	4	9001	ORGAN PASS	7625	2	SE	9861
	9	15	2	18	29.7335	1	20	38	32.420	23	56	20.88	4	9001	ORGAN PASS	7625	11	SE	8507
	9	15	4	20	39.8661	1	17	33	37.149	41	24	4.13	4	9001	ORGAN PASS	7626	10	HB	8508
	9	15	4	20	47.8661	1	17	39	45.308	42	26	52.51	4	9001	ORGAN PASS	7626	12	HB	8509
	9	15	6	14	47.9969	1	18	14	25.035	71	47	42.14	4	9012	MAUI	7620	3	FI	9404
	9	15	6	15	35.9932	1	20	9	3.072	74	18	36.24	4	9012	MAUI	7620	9	FI	9405
	9	15	8	52	37.9497	1	3	2	43.355	-27	2	48.43	4	9010	JUPITER	7456	4	SS	8903
	9	15	8	53	1.9517	1	3	11	2.747	-28	21	10.69	4	9010	JUPITER	7456	7	HB	8904
	9	15	10	10	8.6964	1	19	51	26.055	16	43	24.19	4	9005	TOKYO	6481	3	TJ	8590
	9	15	10	10	40.6961	1	20	24	14.144	19	43	56.95	4	9005	TOKYO	6481	11	TJ	9864
	9	15	10	48	37.2715	1	2	7	41.405	-26	28	4.44	4	9001	ORGAN PASS	7630	3	MJ	8503
	9	15	10	49	9.2715	1	2	17	55.490	-28	8	20.27	4	9001	ORGAN PASS	7630	7	MJ	8504
	9	15	12	45	28.9492	1	4	17	17.844	- 6	7	30.27	4	9012	MAUI	7624	3	NG	9386
	9	15	12	45	52.9488	1	4	24	24.267	- 7	39	1.30	4	9012	MAUI	7624	6	NG	9387
	9	15	14	47	52.7928	1	2	0	5.012	-24	53	34.86	4	9012	MAUI	7628	4	NG	9388
	9	15	14	48	16.7923	1	2	7	59.054	-26	34	29.51	4	9012	MAUI	7628	7	NG	9389
	9	15	16	3	12.4210	1	19	2	2.220	43	21	6.85	4	9008	SHIRAZ	9328	3	HB	8881
	9	15	16	4	0.4262	1	20	11	28.168	47	21	15.95	4	9008	SHIRAZ	9328	9	NG	8882
	9	15	18	6	31.3836	1	17	8	12.217	50	11	45.02	4	9008	SHIRAZ	9331	3	PB	8883
	9	15	18	6	55.3833	1	17	25	8.280	53	14	16.65	4	9008	SHIRAZ	9331	6	SS	8884
	9	16	1	55	28.0092	1	17	43	45.714	63	52	7.33	4	9010	JUPITER	7461	5	HB	8905
	9	16	1	56	21.1813	1	19	15	47.998	69	19	55.47	4	9010	JUPITER	7461	12	HB	8906
	9	16	3	53	6.5795	1	17	25	25.405	42	32	23.68	4	9001	ORGAN PASS	7637	3	BZ	8499
	9	16	3	53	38.5832	1	17	55	49.939	46	58	49.25	4	9001	ORGAN PASS	7637	7	BZ	8500
	9	16	5	46	28.9635	1	17	2	28.650	68	0	18.30	4	9012	MAUI	7631	3	FI	9406
	9	16	5	47	8.9609	1	18	26	30.642	72	25	22.16	4	9012	MAUI	7631	8	FI	237
	9	16	10	22	32.8077	1	2	39	16.617	-31	27	32.57	4	9001	ORGAN PASS	7641	3	FI	8854
	9	16	14	21	59.8983	1	2	40	45.510	-32	40	11.84	4	9012	MAUI	7641	3	SS	9187
	9	16	14	23	3.8966	1	3	3	47.185	-36	32	15.78	4	9012	MAUI	7641	7	SS	9188
	9	16	15	35	54.9608	1	19	33	52.906	43	0	15.36	4	9008	SHIRAZ	9339	2	SS	8885
	9	16	15	36	42.9657	1	20	43	26.943	45	27	0.44	4	9008	SHIRAZ	9339	9	SS	8886
	9	16	17	38	26.8092	1	16	34	35.160	48	6	15.29	4	9008	SHIRAZ	9344	3	SS	8887
	9	16	17	38	58.8107	1	16	56	30.078	52	33	39.15	4	9008	SHIRAZ	9344	7	SS	8888
	9	16	18	25	23.2538	1	6	1	13.823	26	0	23.75	4	9003	WOOMERA	10827	8	FI	8856
	9	17	0	9	14.7400	1	2	33	38.259	-36	42	41.78	4	9008	SHIRAZ	9347	5	HB	8889
	9	17	0	9	22.7405	1	2	36	10.251	-37	5	19.82	4	9008	SHIRAZ	9347	6	HB	8890
	9	17	3	25	41.4374	1	17	27	51.800	44	52	49.37	4	9001	ORGAN PASS	7647	4	TJ	8501
	9	17	3	26	5.4378	1	17	55	9.988	48	21	46.48	4	9001	ORGAN PASS	7647	7	TJ	8502
	9	17	3	29	29.7865	1	16	15	14.603	44	21	38.78	4	9010	JUPITER	7472	4	HB	8907
	9	17	3	29	37.7854	1	16	17	54.144	45	8	48.86	4	9010	JUPITER	7472	5	H	8908
	9	17	8	10	59.6760	1	5	50	30.248	23	21	1.75	4	9011	VILLA DOLO	6687	4	PB	9821

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	17	8	11	23.6758	1	5	58	37.212	22	0	25.24	4	9011	VILLA DOLO	6687	7	PB	8773
	9	17	11	19	37.5506	1	19	58	37.814	47	11	27.35	4	9005	TOKYO	6489	3	SS	8594
	9	17	11	20	30.8632	1	21	14	21.465	48	23	4.58	4	9005	TOKYO	6489	14	SS	8860
	9	17	17	11	42.0580	1	17	2	17.297	57	28	48.68	4	9008	SHIRAZ	9352	4	WS	9302
	9	17	17	56	53.6936	1	5	41	12.325	27	23	46.87	4	9003	WOOMERA	10836	7	FI	8857
	9	17	17	57	17.6935	1	5	48	0.366	26	7	42.24	4	9003	WOOMERA	10836	13	FI	8697
	9	18	6	56	51.0577	1	16	27	6.248	81	1	21.55	4	9012	MAUI	7646	3	BZ	9186
	9	18	6	57	23.0570	1	18	15	54.106	84	19	52.75	4	9012	MAUI	7646	7	BZ	9185
	9	18	9	43	3.7483	1	3	41	57.653	-13	52	17.57	4	9007	AREQUIPA	7077	8	SS	8859
	9	18	9	43	27.7480	1	3	53	2.953	-16	15	42.92	4	9007	AREQUIPA	7077	11	SS	8720
	9	18	10	50	58.0224	1	18	34	27.019	42	20	7.02	4	9005	TOKYO	6495	4	SS	8596
	9	18	10	51	10.0227	1	18	50	53.975	43	35	1.76	4	9005	TOKYO	6495	7	SS	9110
	9	18	12	53	44.1841	1	17	50	15.443	36	10	52.95	4	9005	TOKYO	6497	8	TJ	9450
	9	18	17	28	41.1747	1	5	27	10.204	27	43	52.03	4	9003	WOOMERA	10849	5	FI	8698
	9	18	17	29	5.1754	1	5	33	33.949	26	29	22.60	4	9003	WOOMERA	10849	8	FI	8699
	9	18	19	34	11.6877	1	5	16	38.917	8	2	13.97	4	9003	WOOMERA	10852	4	FI	8700
	9	18	19	34	31.6875	1	5	25	45.018	6	42	9.35	4	9003	WOOMERA	10852	9	FI	8701
	9	19	1	13	31.4597	1	2	36	34.254	43	43	58.09	4	9002	OLIFANTS	9319	9	BZ	8172
	9	19	1	14	10.5212	1	2	49	37.540	42	16	0.81	4	9002	OLIFANTS	9319	16	HB	8173
	9	19	1	28	50.5875	1	7	45	48.232	- 6	28	48.45	4	9002	OLIFANTS	9320	11	SC	8174
	9	19	1	29	6.5872	1	7	50	49.289	- 7	9	29.75	4	9002	OLIFANTS	9320	13	WS	8175
	9	19	4	33	12.6084	1	16	28	45.663	40	32	33.35	4	9001	ORGAN PASS	7661	3	FI	8687
	9	19	4	33	28.6086	1	16	37	27.188	42	19	22.36	4	9001	ORGAN PASS	7661	7	FI	8688
	9	19	6	30	33.4879	1	0	10	30.888	82	4	27.95	4	9012	MAUI	7657	6	CB	230
	9	19	6	30	49.4872	1	0	36	32.144	80	4	42.92	4	9012	MAUI	7657	8	CB	231
	9	19	7	15	17.3247	1	5	35	45.891	22	6	40.01	4	9011	VILLA DOLO	6711	3	SE	8774
	9	19	7	15	41.3240	1	5	42	52.504	20	49	8.08	4	9011	VILLA DOLO	6711	6	SS	9111
	9	19	9	18	15.1747	1	4	18	8.399	8	32	45.02	4	9011	VILLA DOLO	6715	4	SC	8775
	9	19	9	18	39.1720	1	4	28	14.270	7	3	15.28	4	9011	VILLA DOLO	6715	7	SC	8776
	9	19	16	17	49.8831	1	19	49	7.235	70	12	25.27	4	9008	SHIRAZ	9369	4	CB	8994
	9	19	16	18	13.8841	1	20	52	10.756	69	52	53.53	4	9008	SHIRAZ	9369	7	CB	9525
	9	19	18	17	54.7320	1	15	58	47.669	38	56	41.06	4	9008	SHIRAZ	9375	11	SE	8998
	9	19	18	18	53.1427	1	16	21	46.385	44	30	44.33	4	9008	SHIRAZ	9375	16	SE	8999
	9	19	18	19	25.1430	1	16	37	25.117	47	46	14.80	4	9008	SHIRAZ	9375	20	SE	9000
	9	20	0	48	18.3951	1	3	30	57.966	36	50	9.59	4	9002	OLIFANTS	9337	4	NG	8176
	9	20	0	48	50.3948	1	3	41	29.629	35	12	48.89	4	9002	OLIFANTS	9337	8	NG	8177
	9	20	0	59	58.2818	1	7	12	54.863	- 3	15	41.58	4	9002	OLIFANTS	9338	4	NG	8178
	9	20	1	0	30.2810	1	7	22	22.073	- 4	41	23.21	4	9002	OLIFANTS	9338	8	NG	8179
	9	20	6	1	26.6064	1	16	14	32.852	85	36	6.97	4	9012	MAUI	7667	3	PB	9191
	9	20	6	1	42.6060	1	18	29	34.745	87	5	10.36	4	9012	MAUI	7667	5	PB	9192
	9	20	8	52	10.9155	1	5	6	30.321	1	42	35.23	4	9011	VILLA DOLO	6723	3	SE	8777
	9	20	8	52	42.9142	1	5	21	44.763	- 0	26	40.19	4	9011	VILLA DOLO	6723	7	NG	8778
	9	20	9	56	26.2530	1	19	50	21.061	44	39	17.90	4	9005	TOKYO	6508	11	HB	8597
	9	20	9	56	42.2531	1	20	16	54.957	44	58	36.32	4	9005	TOKYO	6508	19	HB	8598
	9	20	11	57	43.1672	1	16	48	25.837	34	45	30.10	4	9005	TOKYO	6512	5	HB	8599

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	20	11	58	7.1675	1	17	4	23.959	37	7	50.87	4	9005	TOKYO	6512	11	HB	8600
	9	20	14	33	23.1678	1	0	58	46.248	-40	0	15.11	4	9012	MAUI	7674	3	FI	8966
	9	20	14	34	43.1689	1	1	19	10.482	-44	30	35.09	4	9012	MAUI	7674	8	FI	8967
	9	20	15	49	52.5825	1	19	23	19.670	70	31	34.76	4	9008	SHIRAZ	9384	5	HB	9006
	9	20	15	50	40.5910	1	21	32	21.908	68	40	14.29	4	9008	SHIRAZ	9384	8	HB	9007
	9	20	17	52	10.8328	1	16	31	23.655	52	46	41.43	4	9008	SHIRAZ	9388	4	CB	338
	9	20	18	38	48.7712	1	5	22	25.378	6	36	39.30	4	9003	WOOMERA	10881	5	LE	8976
	9	20	18	39	4.7710	1	5	29	4.945	5	35	45.55	4	9003	WOOMERA	10881	9	LE	8977
	9	20	21	46	38.2860	1	16	43	20.743	30	29	14.45	4	9004	SAN FERNAN	6573	3	LE	8516
	9	20	21	47	42.2866	1	17	25	21.060	36	1	54.74	4	9004	SAN FERNAN	6573	11	LE	8517
	9	21	0	22	58.2612	1	4	19	27.737	27	50	40.59	4	9002	OLIFANTS	9351	11	SC	8752
	9	21	0	29	52.7490	1	6	22	20.917	3	27	17.39	4	9002	OLIFANTS	9352	3	CB	8180
	9	21	0	31	22.6868	1	6	47	40.160	- 0	59	44.06	4	9002	OLIFANTS	9352	16	CB	8181
	9	21	3	39	44.9416	1	17	32	7.123	58	31	30.77	4	9001	ORGAN PASS	7677	3	FI	8689
	9	21	5	33	45.6917	1	17	21	55.195	87	52	54.16	4	9012	MAUI	7679	4	TJ	9829
	9	21	5	34	17.6898	1	23	46	1.586	85	27	20.99	4	9012	MAUI	7679	8	TJ	9830
	9	21	7	37	22.1292	1	15	40	32.725	73	6	16.84	4	9012	MAUI	7682	3	FI	8968
	9	21	7	38	10.1275	1	16	32	58.138	78	53	45.88	4	9012	MAUI	7682	9	FI	9532
	9	21	8	22	15.2906	1	5	26	54.998	-25	8	49.97	4	9007	AREQUIPA	7081	4	PB	8725
	9	21	8	22	39.2896	1	5	39	8.504	-26	39	38.81	4	9007	AREQUIPA	7081	7	HB	8726
	9	21	15	22	46.2548	1	21	21	34.742	68	31	2.45	4	9008	SHIRAZ	9397	4	NG	8607
	9	21	15	23	18.2558	1	22	22	34.061	64	45	42.53	4	9008	SHIRAZ	9397	8	NG	8608
	9	21	17	25	5.4183	1	16	40	44.536	59	53	51.37	4	9008	SHIRAZ	9402	8	CB	9027
	9	21	17	25	29.4188	1	17	8	7.665	62	59	34.13	4	9008	SHIRAZ	9402	11	CB	9527
	9	21	18	10	50.8287	1	5	18	9.542	6	43	15.12	4	9003	WOOMERA	10892	5	LE	8978
	9	21	18	11	18.8283	1	5	29	9.326	5	0	14.72	4	9003	WOOMERA	10892	12	LE	8979
	9	21	21	19	41.2763	1	16	52	57.896	35	20	59.80	4	9004	SAN FERNAN	6586	3	LE	8518
	9	21	21	20	13.2767	1	17	19	28.723	38	31	10.55	4	9004	SAN FERNAN	6586	7	LE	8519
	9	21	23	56	56.3923	1	4	49	9.060	20	21	24.61	4	9002	OLIFANTS	9372	9	CB	8182
	9	21	23	57	20.3918	1	4	55	54.095	18	55	14.24	4	9002	OLIFANTS	9372	12	LE	8850
	9	22	0	3	31.6319	1	6	35	55.696	- 0	57	35.77	4	9002	OLIFANTS	9373	16	LE	8183
	9	22	0	4	11.6282	1	6	46	13.319	- 2	40	5.14	4	9002	OLIFANTS	9373	21	LE	8184
	9	22	5	8	35.5099	1	1	4	18.004	66	22	39.73	4	9012	MAUI	7688	4	PB	9193
	9	22	5	8	59.5089	1	1	7	35.245	63	31	13.91	4	9012	MAUI	7688	7	PB	9194
	9	22	5	14	12.7917	1	17	11	7.134	36	57	26.07	4	9001	ORGAN PASS	7694	6	FI	8690
	9	22	7	10	7.1824	1	15	31	41.247	79	28	0.91	4	9012	MAUI	7693	4	KA	1045
	9	22	7	10	39.1811	1	16	36	18.415	83	29	2.51	4	9012	MAUI	7693	8	KA	9190
	9	22	11	4	6.8900	1	18	2	0.016	49	12	8.63	4	9005	TOKYO	6517	5	NG	8602
	9	22	11	4	14.8900	1	18	13	54.917	49	57	3.47	4	9005	TOKYO	6517	6	SS	8861
	9	22	16	57	28.7468	1	16	28	31.481	63	36	36.86	4	9008	SHIRAZ	9416	2	WS	9029
	9	22	16	57	52.7480	1	17	3	9.753	66	56	41.44	4	9008	SHIRAZ	9416	5	BZ	9030
	9	22	23	32	30.4018	1	5	37	32.814	7	55	31.60	4	9002	OLIFANTS	9389	11	HB	8852
	9	22	23	32	46.4010	1	5	41	32.990	7	5	58.90	4	9002	OLIFANTS	9389	13	HB	8191
	9	23	1	29	11.1758	1	2	15	36.920	15	3	35.78	4	9002	OLIFANTS	9392	11	HB	8192
	9	23	1	29	19.1757	1	2	18	19.789	14	35	48.52	4	9002	OLIFANTS	9392	12	HB	8853

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	23	6	42	37.8971	1	15	9	48.588	84	19	53.38	4	9012	MAUI	7699	3	CB	9390
	9	23	6	43	9.8960	1	18	54	25.980	87	56	27.73	4	9012	MAUI	7699	7	CB	9391
	9	23	7	30	4.0687	1	5	44	59.730	- 3	49	15.12	4	9011	VILLA DOLO	6770	3	NG	8779
	9	23	7	30	36.0680	1	5	58	21.628	- 5	33	40.51	4	9011	VILLA DOLO	6770	7	NG	8780
	9	23	16	29	46.4366	1	16	11	40.843	66	47	4.07	4	9008	SHIRAZ	9428	3	BZ	9031
	9	23	16	30	2.4381	1	16	38	39.179	69	14	12.81	4	9008	SHIRAZ	9428	5	BZ	9032
	9	23	17	16	44.3516	1	5	47	11.271	0	29	27.86	4	9003	WOOMERA	10899	3	LE	8980
	9	23	17	17	8.3515	1	5	55	23.858	- 0	44	35.17	4	9003	WOOMERA	10899	9	LE	8981
	9	23	19	21	21.7340	1	5	38	39.534	-28	17	45.43	4	9003	WOOMERA	10900	3	LE	8982
	9	23	19	21	41.7330	1	5	51	48.114	-29	22	34.50	4	9003	WOOMERA	10900	8	LE	8983
	9	24	1	2	50.5256	1	2	54	8.626	9	16	5.50	4	9002	OLIFANTS	9408	5	NG	8188
	9	24	1	3	14.5254	1	3	3	27.355	7	37	27.97	4	9002	OLIFANTS	9408	8	NG	8189
	9	24	6	15	58.0491	1	1	31	33.331	82	56	37.09	4	9012	MAUI	7707	3	TJ	9196
	9	24	6	16	30.0479	1	1	35	49.628	78	7	22.23	4	9012	MAUI	7707	7	TJ	9831
	9	24	16	3	40.6829	1	21	26	9.638	74	56	51.08	4	9008	SHIRAZ	9435	5	BZ	9001
	9	24	16	3	56.6829	1	22	10	23.392	72	51	57.02	4	9008	SHIRAZ	9435	7	BZ	9002
	9	24	16	49	18.0637	1	5	50	2.136	- 1	2	50.98	4	9003	WOOMERA	10901	4	LE	9523
	9	25	0	36	28.6406	1	3	37	12.575	2	31	26.10	4	9002	OLIFANTS	9423	4	BZ	8190
	9	25	0	37	16.6412	1	3	57	4.640	- 0	54	40.21	4	9002	OLIFANTS	9423	10	BZ	9109
	9	25	5	49	28.2801	1	1	41	36.957	69	7	34.26	4	9012	MAUI	7717	3	FI	1046
	9	25	5	50	8.2660	1	1	41	8.796	63	40	53.78	4	9012	MAUI	7717	8	FI	8969
	9	25	6	35	16.9964	1	6	0	8.468	- 6	40	34.00	4	9011	VILLA DOLO	6786	3	CB	8781
	9	25	6	35	48.9960	1	6	11	29.007	- 8	2	50.18	4	9011	VILLA DOLO	6786	7	CB	8782
	9	25	8	34	25.0244	1	3	56	19.285	-52	43	54.67	4	9007	AREQUIPA	7114	2	HB	8727
	9	25	8	34	57.0240	1	4	19	33.027	-54	35	37.16	4	9007	AREQUIPA	7114	6	FI	8728
	9	25	8	37	36.5617	1	4	41	35.537	-28	5	9.13	4	9011	VILLA DOLO	6790	3	CB	8783
	9	25	8	37	56.5613	1	4	54	8.084	-29	20	35.74	4	9011	VILLA DOLO	6790	8	CB	8784
	9	25	15	35	48.5849	1	21	49	57.501	75	33	28.36	4	9008	SHIRAZ	9442	4	TJ	9033
	9	25	15	36	12.5863	1	22	46	5.899	71	28	48.42	4	9008	SHIRAZ	9442	7	TJ	9034
	9	25	16	21	30.1679	1	5	44	50.619	- 1	29	40.39	4	9003	WOOMERA	10908	4	WS	9524
	9	25	16	22	18.1679	1	5	58	52.901	- 3	33	19.56	4	9003	WOOMERA	10908	10	WS	9865
	9	25	17	37	10.8772	1	16	30	13.286	46	57	31.33	4	9008	SHIRAZ	9445	7	KA	9003
	9	25	17	37	18.8775	1	16	36	23.191	47	39	33.12	4	9008	SHIRAZ	9445	8	KA	9004
	9	25	18	25	3.3107	1	5	32	24.321	-24	56	37.52	4	9003	WOOMERA	10911	5	WS	8985
	9	25	18	25	19.3105	1	5	41	32.690	-25	40	13.38	4	9003	WOOMERA	10911	9	WS	8986
	9	26	0	10	6.2860	1	4	20	6.763	- 4	7	55.56	4	9002	OLIFANTS	9440	3	CB	8185
	9	26	0	10	22.2860	1	4	26	34.524	- 5	10	44.41	4	9002	OLIFANTS	9440	5	LE	8186
	9	26	2	8	10.7447	1	0	48	15.771	- 4	48	22.32	4	9002	OLIFANTS	9444	3	LE	8187
	9	26	2	8	42.7450	1	0	55	44.869	- 6	45	14.34	4	9002	OLIFANTS	9444	7	LE	8851
	9	26	5	19	38.7980	1	3	24	32.559	84	33	57.85	4	9012	MAUI	7720	3	FI	8971
	9	26	5	20	2.7974	1	2	24	22.974	81	8	47.89	4	9012	MAUI	7720	6	FI	9534
	9	26	6	7	52.3854	1	6	4	1.288	- 7	46	41.38	4	9011	VILLA DOLO	6797	5	TJ	8785
	9	26	6	8	24.3849	1	6	14	24.786	- 8	58	59.74	4	9011	VILLA DOLO	6797	9	TJ	8786
	9	26	7	22	13.4920	1	15	51	31.647	67	51	9.75	4	9012	MAUI	7724	3	FI	9533
	9	26	7	22	45.4914	1	16	25	26.232	71	23	1.68	4	9012	MAUI	7724	7	FI	8970

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	26	8	7	55.8340	1	5	20	51.873	-55	18	39.94	4	9007	AREQUIPA	7125	4	SS	8729
	9	26	8	8	19.8340	1	5	38	52.917	-55	48	12.18	4	9007	AREQUIPA	7125	7	SS	8730
	9	26	8	10	14.7740	1	5	12	18.468	-29	33	34.10	4	9011	VILLA DOLO	6802	5	BZ	9042
	9	26	8	10	34.7736	1	5	24	55.877	-30	30	12.82	4	9011	VILLA DOLO	6802	10	BZ	9043
	9	26	11	15	55.3140	1	17	6	9.958	35	54	26.26	4	9005	TOKYO	6522	5	NG	8603
	9	26	11	16	11.3144	1	17	22	44.543	36	54	11.80	4	9005	TOKYO	6522	9	NG	8862
	9	26	15	53	56.8069	1	5	42	59.915	- 2	33	8.89	4	9003	WOOMERA	10918	5	WS	8987
	9	26	15	54	36.8068	1	5	53	51.538	- 4	7	47.47	4	9003	WOOMERA	10918	10	WS	8988
	9	26	21	5	0.2977	1	17	9	41.838	30	19	48.29	4	9004	SAN FERNAN	6594	3	WS	8520
	9	26	21	5	8.2979	1	17	17	8.314	30	40	55.14	4	9004	SAN FERNAN	6594	4	WS	8521
	9	26	23	44	18.1420	1	5	10	54.836	-11	25	49.62	4	9002	OLIFANTS	9457	5	CB	8750
	9	26	23	45	6.1411	1	5	28	25.937	-13	42	3.92	4	9002	OLIFANTS	9457	11	CB	8751
	9	27	0	59	37.0961	1	19	4	53.813	80	20	47.28	4	9010	JUPITER	7501	4	HB	9530
	9	27	1	0	1.0933	1	21	3	49.825	79	7	43.57	4	9010	JUPITER	7501	10	HB	8931
	9	27	1	41	17.5946	1	1	2	46.218	- 9	30	41.89	4	9002	OLIFANTS	9462	3	BZ	8737
	9	27	1	42	11.1139	1	1	18	36.440	-13	20	46.46	4	9002	OLIFANTS	9462	9	BZ	9107
	9	27	5	40	20.6385	1	6	3	50.041	- 8	28	25.35	4	9011	VILLA DOLO	6807	3	WS	9040
	9	27	5	40	52.6381	1	6	13	22.340	- 9	32	40.89	4	9011	VILLA DOLO	6807	7	WS	9041
	9	27	6	55	30.8082	1	17	5	23.221	78	49	28.64	4	9012	MAUI	7735	4	BZ	9827
	9	27	6	55	54.8060	1	18	26	39.168	80	37	5.29	4	9012	MAUI	7735	7	KA	9189
	9	27	7	40	49.3354	1	6	8	55.244	-53	31	56.85	4	9007	AREQUIPA	7135	3	SS	8731
	9	27	7	41	21.3350	1	6	29	13.951	-53	32	17.98	4	9007	AREQUIPA	7135	7	SS	8732
	9	27	9	39	38.1400	1	0	56	23.621	-47	50	43.61	4	9007	AREQUIPA	7140	3	HB	8733
	9	27	9	40	18.1393	1	1	6	22.305	-51	4	41.18	4	9007	AREQUIPA	7140	8	HB	8734
	9	27	16	42	40.3747	1	16	58	48.913	60	10	5.92	4	9008	SHIRAZ	9472	2	TJ	9035
	9	27	16	43	4.3763	1	17	41	25.037	62	22	34.79	4	9008	SHIRAZ	9472	5	TJ	9818
	9	27	19	31	55.8872	1	3	48	12.963	-43	47	53.85	4	9003	WOOMERA	10934	3	WS	8989
	9	27	19	32	15.8868	1	4	2	10.309	-45	10	36.63	4	9003	WOOMERA	10934	8	WS	8990
	9	27	20	37	54.4462	1	17	39	27.531	34	6	45.66	4	9004	SAN FERNAN	6609	3	WS	8522
	9	27	20	38	6.4466	1	17	54	46.525	34	29	21.11	4	9004	SAN FERNAN	6609	6	WS	8523
	9	28	1	14	48.0690	1	1	34	45.419	-17	5	7.35	4	9002	OLIFANTS	9469	3	HB	9108
	9	28	1	15	52.0695	1	2	0	11.554	-22	16	30.68	4	9002	OLIFANTS	9469	11	HB	8738
	9	28	1	22	29.5313	1	5	57	35.404	-45	38	59.12	4	9002	OLIFANTS	9470	3	NG	8739
	9	28	1	23	25.5313	1	6	34	59.495	-46	1	33.48	4	9002	OLIFANTS	9470	10	BZ	8740
	9	28	2	29	34.1304	1	17	52	35.158	64	25	19.41	4	9001	ORGAN PASS	7700	3	FI	8691
	9	28	2	30	2.1309	1	19	12	6.063	65	3	55.64	4	9001	ORGAN PASS	7700	10	FI	8692
	9	28	5	11	48.7492	1	5	45	23.719	- 7	5	16.96	4	9011	VILLA DOLO	6821	2	SS	8936
	9	28	5	12	20.7489	1	5	54	24.410	- 8	10	56.62	4	9011	VILLA DOLO	6821	6	SS	8937
	9	28	7	12	44.5225	1	6	11	14.705	-50	46	47.88	4	9007	AREQUIPA	7145	4	HB	8735
	9	28	7	13	24.5223	1	6	33	17.988	-50	39	57.01	4	9007	AREQUIPA	7145	9	HB	8736
	9	28	7	15	33.9444	1	6	7	38.248	-29	46	1.60	4	9011	VILLA DOLO	6824	1	SS	8938
	9	28	7	16	5.9438	1	6	24	38.335	-30	20	41.29	4	9011	VILLA DOLO	6824	5	SS	9832
	9	28	9	14	11.5463	1	1	56	3.243	-63	10	58.74	4	9007	AREQUIPA	7149	2	BZ	9817
	9	28	9	14	35.5452	1	2	9	52.580	-65	4	18.48	4	9007	AREQUIPA	7149	5	SS	9319
	9	28	10	21	59.2254	1	19	16	54.146	44	40	25.25	4	9005	TOKYO	6548	4	KA	8864

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	28	10	22	9.2250	1	19	35	37.961	44	11	32.89	4	9005	TOKYO	6548 9	KA	8606
	9	28	16	15	26.0447	1	18	6	26.335	67	28	11.42	4	9008	SHIRAZ	9482 4	NG	9037
	9	28	16	15	42.0455	1	18	51	21.777	67	55	47.96	4	9008	SHIRAZ	9482 6	NG	9038
	9	28	20	10	33.6961	1	18	10	47.589	37	21	7.05	4	9004	SAN FERNAN	6619 3	WS	8524
	9	28	20	10	49.6968	1	18	36	45.666	37	21	27.00	4	9004	SAN FERNAN	6619 5	WS	8525
	9	28	22	50	11.4375	1	5	38	21.970	-14	47	48.49	4	9002	OLIFANTS	9480 3	CB	8741
	9	28	22	52	0.6205	1	6	9	49.488	-17	54	31.67	4	9002	OLIFANTS	9480 16	CB	8742
	9	29	0	48	9.4379	1	2	18	20.218	-24	40	10.99	4	9002	OLIFANTS	9482 3	KA	8743
	9	29	0	49	5.4368	1	2	46	31.733	-29	3	5.29	4	9002	OLIFANTS	9482 10	KA	8744
	9	29	3	0	43.7212	1	7	21	44.758	-65	55	26.16	4	9002	OLIFANTS	9487 3	KA	8745
	9	29	3	1	15.7204	1	7	57	46.036	-64	44	41.15	4	9002	OLIFANTS	9487 7	KA	8746
	9	29	3	2	26.5419	1	9	3	6.064	-60	49	21.33	4	9002	OLIFANTS	9487 17	KA	8747
	9	29	6	0	42.8411	1	23	46	15.554	81	38	47.57	4	9012	MAUI	7752 4	FI	8972
	9	29	6	1	14.8341	1	0	22	59.743	76	1	32.44	4	9012	MAUI	7752 6	FI	8973
	9	29	6	44	34.3537	1	6	8	46.209	-48	3	1.89	4	9007	AREQUIPA	7154 1	SC	9320
	9	29	6	45	30.3522	1	6	35	42.008	-47	49	17.72	4	9007	AREQUIPA	7154 8	KA	9321
	9	29	6	47	30.1053	1	6	6	30.938	-28	13	39.90	4	9011	VILLA DOLO	6835 2	SS	8939
	9	29	6	48	10.1043	1	6	25	43.553	-28	49	38.70	4	9011	VILLA DOLO	6835 7	SS	8940
	9	29	8	49	8.1967	1	3	42	43.055	-45	36	26.16	4	9011	VILLA DOLO	6839 1	SS	8941
	9	29	8	49	32.1960	1	4	0	6.707	-47	5	17.44	4	9011	VILLA DOLO	6839 4	SS	8942
	9	29	16	35	33.2763	1	6	34	44.632	-23	53	30.08	4	9003	WOOMERA	10948 5	WS	8991
	9	29	16	35	57.2756	1	6	43	25.867	-24	10	34.53	4	9003	WOOMERA	10948 10	WS	8992
	9	29	18	36	33.0627	1	4	51	28.608	-46	13	16.57	4	9003	WOOMERA	10950 4	PB	8723
	9	29	18	36	57.0622	1	5	10	24.669	-46	55	53.96	4	9003	WOOMERA	10950 10	PB	8724
	9	29	21	44	18.6218	1	17	23	36.245	10	47	14.97	4	9004	SAN FERNAN	6631 4	WS	8845
	9	29	21	44	34.6224	1	17	33	34.986	10	18	8.62	4	9004	SAN FERNAN	6631 6	WS	8527
	9	30	1	38	27.0489	1	16	25	53.237	53	13	36.08	4	9010	JUPITER	7518 3	HB	9072
	9	30	1	38	39.0492	1	16	40	3.559	54	14	2.17	4	9010	JUPITER	7518 6	HB	9073
	9	30	3	35	40.6529	1	16	23	50.667	30	36	26.32	4	9001	ORGAN PASS	7723 2	FI	8693
	9	30	3	36	4.6527	1	16	43	30.038	31	19	14.81	4	9001	ORGAN PASS	7723 5	FI	8694
	9	30	5	31	48.6599	1	13	36	44.018	89	5	22.94	4	9012	MAUI	7761 7	FI	8974
	9	30	5	32	20.6517	1	0	40	9.997	85	0	40.62	4	9012	MAUI	7761 9	FI	8975
	9	30	6	15	24.9070	1	5	37	47.460	-45	16	54.79	4	9007	AREQUIPA	7156 4	SC	9322
	9	30	6	15	56.5739	1	5	52	37.399	-45	23	25.17	4	9007	AREQUIPA	7156 8	SC	9323
	9	30	6	19	19.2185	1	6	1	25.889	-26	38	28.39	4	9011	VILLA DOLO	6849 2	HB	8943
	9	30	6	19	51.2179	1	6	15	30.459	-27	6	34.14	4	9011	VILLA DOLO	6849 6	HB	8944
	9	30	8	21	51.0793	1	4	35	57.486	-48	30	38.45	4	9011	VILLA DOLO	6850 1	HB	8945
	9	30	8	22	15.0787	1	4	55	53.388	-49	19	12.93	4	9011	VILLA DOLO	6850 4	HB	8946
	9	30	18	5	50.2451	1	3	15	51.205	-38	23	21.42	4	9003	WOOMERA	10962 5	WS	8532
	9	30	18	6	24.3273	1	3	37	56.112	-40	23	14.59	4	9003	WOOMERA	10962 11	WS	9862
	9	30	19	15	33.7005	1	19	35	8.993	40	36	52.33	4	9004	SAN FERNAN	6640 4	WS	8528
	9	30	19	16	1.7005	1	20	27	4.204	37	2	31.17	4	9004	SAN FERNAN	6640 11	WS	8529
	9	30	21	16	48.5127	1	17	19	41.287	10	45	30.32	4	9004	SAN FERNAN	6647 3	WS	8530
	9	30	21	17	4.5132	1	17	31	12.277	10	9	57.01	4	9004	SAN FERNAN	6647 5	WS	8531
	9	30	23	54	16.5938	1	3	57	19.475	-33	22	23.43	4	9002	OLIFANTS	9495 6	PB	8748

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	30	23	54	48.5939	1	4	15	29.951	-34	43	50.44	4	9002	OLIFANTS	9495 10	SC	8749
	10	1	5	7	43.7692	1	1	2	3.780	48	33	15.50	4	9012	MAUI	7775 2	SS	1362
	10	1	5	8	7.7616	1	1	3	9.435	45	10	31.28	4	9012	MAUI	7775 5	SS	1363
	10	1	11	0	19.2995	1	17	19	48.934	16	32	50.13	4	9005	TOKYO	6579 4	SE	819
	10	1	11	0	31.2998	1	17	31	1.064	16	8	36.72	4	9005	TOKYO	6579 7	SE	820
	10	1	15	36	30.9831	1	5	20	37.230	-18	7	25.01	4	9003	WOOMERA	10973 4	NG	2044
	10	1	15	38	38.9762	1	6	3	48.094	-20	53	51.21	4	9003	WOOMERA	10973 10	NG	1624
	10	1	20	49	21.0490	1	17	22	54.807	10	31	55.06	4	9004	SAN FERNAN	6652 3	TJ	1173
	10	1	20	49	29.0489	1	17	29	39.097	10	9	43.62	4	9004	SAN FERNAN	6652 5	TJ	4635
	10	2	0	46	33.2161	1	16	55	34.072	78	20	17.19	4	9009	CURACAO	6025 3	NG	2071
	10	2	0	46	57.2168	1	18	2	22.832	79	42	48.01	4	9009	CURACAO	6025 6	NG	2072
	10	2	2	41	0.4137	1	16	55	25.774	38	55	31.03	4	9001	ORGAN PASS	7749 3	HB	960
	10	2	2	41	16.4142	1	17	18	45.622	39	17	43.83	4	9001	ORGAN PASS	7749 5	HB	961
	10	2	17	13	35.6655	1	6	19	20.201	-41	21	9.89	4	9003	WOOMERA	10983 3	SC	831
	10	2	17	13	55.6651	1	6	30	18.729	-41	4	29.63	4	9003	WOOMERA	10983 8	KA	832
	10	2	20	22	33.2770	1	18	15	28.486	7	18	32.87	4	9004	SAN FERNAN	6667 3	BZ	1175
	10	2	20	22	49.2775	1	18	32	48.524	6	0	1.19	4	9004	SAN FERNAN	6667 5	BZ	1176
	10	3	10	6	9.3541	1	19	3	28.593	13	15	23.08	4	9005	TOKYO	6614 6	SE	821
	10	3	10	6	35.3550	1	19	38	30.878	10	19	23.13	4	9005	TOKYO	6614 19	TJ	822
	10	3	15	59	20,3022	1	17	47	7.667	41	50	56.06	4	9008	SHIRAZ	9558 3	HB	2944
	10	3	16	0	16.3099	1	19	25	26.886	37	40	50.94	4	9008	SHIRAZ	9558 10	HB	2509
	10	3	16	45	24.4711	1	6	20	5.865	-39	2	3.33	4	9003	WOOMERA	10992 2	FI	1131
	10	3	16	45	52.4707	1	6	33	33.753	-38	36	29.68	4	9003	WOOMERA	10992 9	FI	1132
	10	3	18	47	46.7766	1	4	35	1.040	-57	0	38.24	4	9003	WOOMERA	10993 4	FI	1133
	10	3	18	47	54.7764	1	4	42	41.046	-57	8	38.85	4	9003	WOOMERA	10993 6	FI	1134
	10	3	23	52	33.7244	1	0	10	30.839	72	29	16.22	4	9009	CURACAO	6049 3		2070
	10	3	23	52	49.7246	1	0	17	52.127	69	48	41.68	4	9009	CURACAO	6049 5	NG	4636
	10	4	3	47	42.7890	1	17	7	55.560	5	38	33.75	4	9001	ORGAN PASS	7776 4	HB	962
	10	4	3	47	58.7889	1	17	18	18.859	4	36	3.78	4	9001	ORGAN PASS	7776 8	HB	963
	10	4	5	45	8.0741	1	21	31	31.739	67	16	4.59	4	9012	MAUI	7824 5	SS	1360
	10	4	5	45	36.0707	1	22	18	23.936	61	41	19.58	4	9012	MAUI	7824 12	SS	1361
	10	4	8	34	7.2021	1	5	27	14.413	-56	30	58.26	4	9011	VILLA DOLO	6869 4	PB	1580
	10	4	8	34	15.2018	1	5	35	0.667	-56	27	13.92	4	9011	VILLA DOLO	6869 5	PB	1581
	10	4	15	32	2.9086	1	19	13	18.168	43	41	35.78	4	9008	SHIRAZ	9575 3	HB	2506
	10	4	15	32	10.9098	1	19	29	21.662	42	32	55.91	4	9008	SHIRAZ	9575 4	HB	2507
	10	4	16	17	13.5750	1	6	19	12.110	-36	44	32.75	4	9003	WOOMERA	11002 2	FI	1135
	10	4	16	17	45.5738	1	6	32	45.043	-36	15	31.88	4	9003	WOOMERA	11002 6	FI	1136
	10	4	17	33	36.5278	1	17	27	5.628	2	27	21.20	4	9008	SHIRAZ	9580 3	HB	2521
	10	4	18	19	37.9317	1	5	4	19.309	-56	30	31.94	4	9003	WOOMERA	11004 3	FI	1137
	10	4	18	20	1.9314	1	5	26	31.307	-56	20	20.19	4	9003	WOOMERA	11004 9	FI	1138
	10	5	15	5	42.0664	3	22	2	1.082	24	39	2.97	4	9008	SHIRAZ	9597 4	HB	2518
	10	5	15	6	46.0599	3	22	46	41.872	12	38	3.47	4	9008	SHIRAZ	9597 12	HB	2519
	10	5	15	8	21.0944	3	23	26	28.820	1	1	54.48	4	9008	SHIRAZ	9597 17	HB	2520
	10	5	17	52	12.1330	1	6	6	58.988	-53	48	49.90	4	9003	WOOMERA	11008 2	FI	1139
	10	5	17	52	44.1325	1	6	30	53.843	-52	38	12.44	4	9003	WOOMERA	11008 10	FI	1140

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	6	0	53	17.6679	1	15	37	47.975	29	47	46.19	4	9010	JUPITER	7563	6	BZ	1315
	10	6	2	53	40.5506	1	18	17	14.394	- 3	34	1.77	4	9001	ORGAN PASS	7797	3	HB	964
	10	6	2	53	56.5508	1	18	33	4.853	- 5	27	0.64	4	9001	ORGAN PASS	7797	5	HB	2140
	10	6	6	51	8.4872	1	17	27	58.948	22	13	22.61	4	9012	MAUI	7850	5	LE	1358
	10	6	6	51	40.4840	1	17	54	50.102	19	40	32.44	4	9012	MAUI	7850	9	LE	1359
	10	6	16	38	43.4855	3	17	44	11.213	- 2	39	0.77	4	9008	SHIRAZ	9625	2	LE	2502
	10	6	16	39	31.4902	3	18	23	31.125	- 8	10	6.60	4	9008	SHIRAZ	9625	8	LE	2503
	10	6	17	23	38.2115	1	6	7	49.426	-51	55	52.44	4	9003	WOOMERA	11017	2	FI	2142
	10	6	17	24	6.2111	1	6	26	38.472	-50	49	37.84	4	9003	WOOMERA	11017	9	FI	1141
	10	6	19	24	47.0699	1	2	37	32.938	-51	32	54.53	4	9003	WOOMERA	11020	3	FI	1142
	10	6	19	25	7.0697	1	2	50	53.585	-52	26	3.00	4	9003	WOOMERA	11020	8	FI	3078
	10	6	23	8	51.9618	1	4	10	46.329	-52	43	15.68	4	9002	OLIFANTS	9506	3	WS	836
	10	7	1	7	10.1961	1	23	25	22.491	-40	11	36.77	4	9002	OLIFANTS	9510	2	WS	837
	10	7	1	7	34.1960	1	23	31	58.219	-41	51	48.21	4	9002	OLIFANTS	9510	5	WS	838
	10	7	2	26	25.0238	1	19	5	5.470	- 9	6	25.11	4	9001	ORGAN PASS	7809	4	SS	966
	10	7	2	26	33.0244	1	19	13	51.192	-10	6	48.50	4	9001	ORGAN PASS	7809	5	SS	967
	10	7	6	22	49.8868	1	17	1	35.946	26	58	25.34	4	9012	MAUI	7860	2	LE	1356
	10	7	6	23	21.8807	1	17	31	50.163	24	43	49.66	4	9012	MAUI	7860	6	LE	1357
	10	7	10	17	30.3192	1	18	27	44.352	-18	46	51.54	4	9005	TOKYO	6629	5	KA	2136
	10	7	10	17	50.3191	1	18	44	54.823	-20	45	18.00	4	9005	TOKYO	6629	10	KA	824
	10	7	16	11	49.2987	3	18	38	54.145	-10	57	12.19	4	9008	SHIRAZ	9643	8	LE	2500
	10	7	16	11	57.3001	3	18	46	37.816	-11	59	59.44	4	9008	SHIRAZ	9643	9	LE	2501
	10	7	16	55	34.2898	1	6	25	42.695	-48	36	14.85	4	9003	WOOMERA	11029	2	FI	1144
	10	7	16	55	54.2893	1	6	36	48.517	-47	43	31.42	4	9003	WOOMERA	11029	7	FI	1145
	10	7	18	57	57.8636	1	4	6	43.090	-56	20	49.53	4	9003	WOOMERA	11034	2	FI	1146
	10	7	18	58	21.8630	1	4	28	45.552	-56	29	47.91	4	9003	WOOMERA	11034	8	FI	1147
	10	7	22	41	38.2839	1	5	5	43.622	-49	24	5.89	4	9002	OLIFANTS	9523	2	LE	839
	10	7	22	42	10.2842	1	5	23	22.026	-48	41	31.12	4	9002	OLIFANTS	9523	6	LE	2032
	10	8	0	3	13.3848	1	19	2	6.359	60	52	54.62	4	9009	CURACAO	6082	3	TJ	2955
	10	8	0	3	37.3863	1	19	46	14.583	58	48	16.60	4	9009	CURACAO	6082	6	TJ	2956
	10	8	0	39	36.1842	1	23	34	37.662	-46	17	4.53	4	9002	OLIFANTS	9526	3	LE	840
	10	8	0	40	0.1844	1	23	43	32.472	-48	5	53.76	4	9002	OLIFANTS	9526	6	LE	841
	10	8	2	51	8.2317	1	3	36	57.046	-61	27	31.35	4	9002	OLIFANTS	9531	2	PB	842
	10	8	2	51	32.2320	1	3	58	58.754	-61	59	50.60	4	9002	OLIFANTS	9531	5	PB	843
	10	8	8	44	28.9586	1	5	10	10.514	-51	38	35.66	4	9011	VILLA DOLO	6897	4	CB	1584
	10	8	8	44	44.9580	1	5	23	50.531	-51	17	4.00	4	9011	VILLA DOLO	6897	6	CB	1585
	10	8	15	43	53.9673	3	18	49	41.602	-12	17	53.59	4	9008	SHIRAZ	9662	4	KA	3055
	10	8	15	44	25.9716	3	19	23	50.077	-16	36	17.88	4	9008	SHIRAZ	9662	8	KA	2523
	10	8	16	27	5.2072	1	6	24	58.713	-46	8	12.47	4	9003	WOOMERA	11040	4	SC	1163
	10	8	16	27	29.2067	1	6	36	34.296	-45	5	10.79	4	9003	WOOMERA	11040	10	SC	1164
	10	8	18	29	48.6567	1	4	44	0.296	-56	47	49.55	4	9003	WOOMERA	11044	3	SC	1165
	10	8	18	29	56.6563	1	4	51	26.719	-56	41	1.39	4	9003	WOOMERA	11044	5	SC	1166
	10	8	22	14	5.3881	1	5	32	31.825	-45	25	3.02	4	9002	OLIFANTS	9533	2	PB	844
	10	8	22	14	37.3884	1	5	46	10.192	-44	34	58.79	4	9002	OLIFANTS	9533	6	PB	845
	10	8	23	36	8.4779	1	21	27	48.373	55	49	27.47	4	9009	CURACAO	6088	4	KA	2075

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	8	23	36	14.4780	1	21	36	0.714	54	33	5.34	4	9009	CURACAO	6088 7	KA	2076
	10	9	0	12	18.1735	1	0	5	1.806	-54	15	15.19	4	9002	OLIFANTS	9535 2	NG	846
	10	9	0	12	42.1737	1	0	18	47.991	-56	2	46.45	4	9002	OLIFANTS	9535 5	NG	847
	10	9	1	35	54.5458	1	18	30	49.699	-23	58	16.75	4	9010	JUPITER	7601 4	BZ	1316
	10	9	1	36	2.5460	1	18	36	15.973	-24	52	40.78	4	9010	JUPITER	7601 5	BZ	1317
	10	9	7	31	19.0158	1	18	0	49.716	-17	58	28.75	4	9012	MAUI	7883 1	CB	1354
	10	9	7	31	27.0158	1	18	4	26.267	-18	48	42.73	4	9012	MAUI	7883 2	LE	1355
	10	9	8	15	4.9661	1	4	40	18.455	-52	52	23.25	4	9011	VILLA DOLO	6909 2	PB	1582
	10	9	8	15	20.9659	1	4	54	6.295	-52	36	41.75	4	9011	VILLA DOLO	6909 6	PB	1583
	10	9	15	16	32.8983	3	19	47	5.035	-18	14	37.34	4	9008	SHIRAZ	9677 4	BZ	2524
	10	9	15	16	40.8992	3	19	55	36.303	-19	11	21.22	4	9008	SHIRAZ	9677 5	BZ	2525
	10	9	15	59	0.9068	1	6	33	8.299	-42	32	58.61	4	9003	WOOMERA	11052 4	KA	833
	10	9	15	59	20.9064	1	6	41	5.937	-41	41	49.80	4	9003	WOOMERA	11052 9	KA	2031
	10	9	18	2	1.3497	1	5	41	2.509	-54	49	26.59	4	9003	WOOMERA	11055 7	KA	834
	10	9	18	2	21.3495	1	5	57	3.452	-53	54	38.11	4	9003	WOOMERA	11055 12	KA	835
	10	9	23	9	12.1455	1	23	3	45.498	38	33	0.05	4	9009	CURACAO	6098 2	WS	2077
	10	9	23	9	20.1458	1	23	8	13.629	36	37	23.28	4	9009	CURACAO	6098 3	WS	2078
	10	10	17	32	38.1012	1	5	15	51.443	-55	32	42.56	4	9003	WOOMERA	11071 3	HB	1621
	10	10	17	32	46.1011	1	5	22	27.702	-55	13	5.64	4	9003	WOOMERA	11071 5	HB	1622
	10	10	23	16	54.5166	1	1	56	34.081	-64	10	18.07	4	9002	OLIFANTS	9559 3	NG	848
	10	10	23	17	18.5174	1	2	22	43.187	-64	46	41.08	4	9002	OLIFANTS	9559 6	NG	849
	10	11	0	40	9.1179	1	18	51	30.768	-30	21	48.85	4	9010	JUPITER	7625 2	CB	1318
	10	11	0	40	25.1253	1	19	5	25.148	-32	9	29.90	4	9010	JUPITER	7625 4	CB	3081
	10	11	22	49	48.5521	1	3	59	45.049	-63	36	41.10	4	9002	OLIFANTS	9573 6	TJ	850
	10	11	22	50	4.5530	1	4	15	2.954	-63	7	24.61	4	9002	OLIFANTS	9573 8	TJ	851
	10	12	6	7	59.5479	1	18	15	18.002	-30	38	55.57	4	9012	MAUI	7909 2	CB	1352
	10	12	6	8	39.5463	1	18	44	49.918	-35	47	54.28	4	9012	MAUI	7909 7	CB	1353
	10	12	22	21	3.9067	1	4	11	53.801	-61	48	54.68	4	9002	OLIFANTS	9582 3	TJ	852
	10	12	22	21	35.9069	1	4	38	12.417	-60	28	27.06	4	9002	OLIFANTS	9582 7	TJ	853
	10	13	0	19	24.9508	1	22	39	56.135	-46	25	19.11	4	9002	OLIFANTS	9584 7	SS	2137
	10	13	0	19	40.9509	1	22	45	9.732	-47	28	37.40	4	9002	OLIFANTS	9584 9	SS	2033
	10	13	5	39	53.9995	1	18	21	20.653	-33	27	16.77	4	9012	MAUI	7921 3	BZ	1350
	10	13	5	39	59.9994	1	18	26	24.239	-34	16	52.76	4	9012	MAUI	7921 6	CB	1351
	10	13	6	20	34.3836	1	5	34	45.814	-49	53	21.87	4	9011	VILLA DOLO	6923 2	FI	1590
	10	13	6	20	58.3830	1	5	50	1.807	-48	27	28.93	4	9011	VILLA DOLO	6923 5	FI	1591
	10	13	16	7	29.2564	1	6	10	40.274	-46	56	40.98	4	9003	WOOMERA	11080 3	SE	1617
	10	13	16	7	53.2558	1	6	21	42.953	-45	26	9.69	4	9003	WOOMERA	11080 9	SE	2041
	10	13	17	33	26.1747	1	22	55	47.489	41	58	15.82	4	9002	OLIFANTS	9591 5	LE	945
	10	13	17	33	50.1751	1	23	7	59.639	39	34	27.10	4	9002	OLIFANTS	9591 8	LE	946
	10	13	18	10	39.8412	1	4	32	14.059	-47	22	59.76	4	9003	WOOMERA	11083 3	FI	1161
	10	13	18	11	7.8402	1	4	53	1.790	-46	15	22.84	4	9003	WOOMERA	11083 10	FI	1162
	10	13	21	53	11.6423	1	4	56	34.927	-57	1	58.47	4	9002	OLIFANTS	9596 3	BZ	947
	10	13	21	53	51.6426	1	5	19	16.161	-54	54	49.53	4	9002	OLIFANTS	9596 8	BZ	948
	10	13	23	50	59.6681	1	22	33	15.135	-49	51	31.75	4	9002	OLIFANTS	9598 6	BZ	2138
	10	13	23	51	15.6685	1	22	39	30.422	-51	0	5.76	4	9002	OLIFANTS	9598 8	SC	949

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	14	5	51	44.1273	1	5	37	37.947	-48	30	25.01	4	9011	VILLA DOLO	6932 3	HB	3084
	10	14	5	52	0.1268	1	5	46	54.269	-47	30	15.52	4	9011	VILLA DOLO	6932 5	HB	1586
	10	14	7	56	37.6998	1	4	57	45.632	-38	0	36.37	4	9011	VILLA DOLO	6936 1	HB	1587
	10	14	7	57	1.6984	1	5	13	4.389	-36	44	52.37	4	9011	VILLA DOLO	6936 4	SE	3085
	10	14	11	14	54.2974	1	21	16	26.949	38	28	50.86	4	9003	WOOMERA	11093 3	FI	2143
	10	14	11	15	26.2973	1	21	34	34.011	36	19	41.81	4	9003	WOOMERA	11093 11	FI	1160
	10	14	15	38	35.7618	1	6	5	22.907	-45	15	23.48	4	9003	WOOMERA	11095 3	FI	1158
	10	14	15	39	3.7614	1	6	16	53.735	-43	31	38.60	4	9003	WOOMERA	11095 10	FI	1159
	10	14	17	5	23.5357	1	23	9	0.513	40	19	57.73	4	9002	OLIFANTS	9604 4	SC	950
	10	14	17	5	39.5381	1	23	16	27.682	38	39	28.36	4	9002	OLIFANTS	9604 6	SC	951
	10	14	17	8	33.1010	1	0	26	8.223	20	16	29.91	4	9002	OLIFANTS	9605 4	KA	952
	10	14	17	8	49.1017	1	0	31	42.774	18	40	39.96	4	9002	OLIFANTS	9605 6	KA	2139
	10	14	17	41	41.3164	1	4	35	18.173	-48	11	10.51	4	9003	WOOMERA	11098 3	BZ	1156
	10	14	17	42	5.3159	1	4	53	1.882	-47	3	36.82	4	9003	WOOMERA	11098 9	BZ	1157
	10	14	19	6	47.6799	1	19	59	40.840	22	7	36.96	4	9002	OLIFANTS	9610 3	KA	954
	10	14	19	7	19.6815	1	20	15	54.535	19	36	30.55	4	9002	OLIFANTS	9610 7	KA	955
	10	14	21	25	28.5824	1	5	25	52.232	-51	4	54.91	4	9002	OLIFANTS	9612 6	SC	829
	10	14	21	26	8.5830	1	5	41	31.427	-48	58	43.28	4	9002	OLIFANTS	9612 11	SC	830
	10	14	23	23	26.3059	1	22	57	42.723	-57	38	52.78	4	9002	OLIFANTS	9613 4	BZ	827
	10	14	23	23	50.3063	1	23	12	35.530	-59	23	55.78	4	9002	OLIFANTS	9613 7	BZ	828
	10	15	1	0	5.5592	1	20	58	31.885	31	51	15.20	4	9011	VILLA DOLO	6944 4	BZ	2459
	10	15	1	0	37.5584	1	21	16	3.836	29	42	3.71	4	9011	VILLA DOLO	6944 8	BZ	2460
	10	15	5	23	15.4123	1	5	50	21.258	-45	25	22.91	4	9011	VILLA DOLO	6954 1	FI	3087
	10	15	5	23	47.4121	1	6	5	17.207	-43	20	5.63	4	9011	VILLA DOLO	6954 5	FI	1592
	10	15	7	26	47.7665	1	4	25	33.992	-41	28	36.11	4	9011	VILLA DOLO	6958 3	BZ	2461
	10	15	7	27	19.7658	1	4	47	8.700	-39	57	31.99	4	9011	VILLA DOLO	6958 7	BZ	2462
	10	15	10	47	39.8232	1	22	1	48.331	35	18	54.57	4	9003	WOOMERA	11106 4	NG	1625
	10	15	10	47	55.8234	1	22	11	17.798	33	55	42.04	4	9003	WOOMERA	11106 8	NG	1626
	10	15	15	9	51.0527	1	6	2	37.196	-42	54	24.81	4	9003	WOOMERA	11116 3	PB	1227
	10	15	15	10	11.0525	1	6	9	54.449	-41	42	34.21	4	9003	WOOMERA	11116 8	PB	1228
	10	15	17	12	42.7234	1	4	40	12.561	-48	34	40.12	4	9003	WOOMERA	11117 3	PB	1229
	10	15	17	13	6.7227	1	4	57	26.894	-47	15	52.69	4	9003	WOOMERA	11117 9	PB	2036
	10	15	18	39	56.6495	1	20	56	6.728	16	42	41.18	4	9002	OLIFANTS	9625 8	BZ	956
	10	15	18	40	32.0749	1	21	20	7.768	12	37	19.48	4	9002	OLIFANTS	9625 11	BZ	957
	10	15	19	14	30.6637	1	2	31	37.340	-29	25	33.66	4	9003	WOOMERA	11122 4	SS	1230
	10	15	19	14	50.6635	1	2	40	45.628	-29	6	27.64	4	9003	WOOMERA	11122 9	SS	1231
	10	15	22	55	50.3457	1	23	53	4.489	-65	13	30.45	4	9002	OLIFANTS	9627 5	BZ	958
	10	15	22	56	6.3459	1	0	9	32.287	-66	7	20.71	4	9002	OLIFANTS	9627 7	BZ	959
	10	16	0	32	57.7255	1	21	47	31.532	28	28	4.61	4	9011	VILLA DOLO	6964 2	SE	4859
	10	16	0	33	13.7257	1	21	57	23.975	27	2	51.00	4	9011	VILLA DOLO	6964 4	SE	2040
	10	16	14	41	48.6038	1	6	11	11.728	-38	8	8.50	4	9003	WOOMERA	11124 8	SS	1232
	10	16	14	41	52.6037	1	6	12	21.625	-37	54	49.77	4	9003	WOOMERA	11124 9	SS	1233
	10	16	16	43	53.9746	1	4	52	58.966	-47	56	2.08	4	9003	WOOMERA	11127 2	SS	1234
	10	16	16	44	21.9740	1	5	11	26.852	-46	7	51.50	4	9003	WOOMERA	11127 9	SS	1235
	10	16	18	16	54.5465	1	1	0	33.587	-19	0	27.81	4	9002	OLIFANTS	9640 7	SC	1311

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	16	18	17	10.5471	1	1	9	57.372	-20	3	46.87	4	9002	OLIFANTS	9640	9	BZ	1312
	10	16	22	28	0.2297	1	1	22	55.686	-69	31	8.21	4	9002	OLIFANTS	9643	10	BZ	1313
	10	17	2	41	59.5020	1	3	47	21.974	-24	53	4.56	4	9002	OLIFANTS	9651	5	BZ	3080
	10	17	2	42	15.5018	1	3	54	54.213	-24	9	6.13	4	9002	OLIFANTS	9651	7	SE	2954
	10	17	9	56	36.3296	1	1	0	50.461	3	4	4.48	4	9003	WOOMERA	11132	5	SS	1236
	10	17	9	57	0.3293	1	1	9	46.164	1	15	9.24	4	9003	WOOMERA	11132	11	SS	1237
	10	17	19	49	46.8090	1	21	24	30.115	-44	50	43.32	4	9002	OLIFANTS	9659	5	SC	979
	10	17	19	50	18.8081	1	21	53	38.277	-48	48	11.80	4	9002	OLIFANTS	9659	9	SC	980
	10	17	21	58	58.6157	1	1	34	46.078	-70	23	8.80	4	9002	OLIFANTS	9660	4	SC	981
	10	17	21	59	38.6167	1	2	34	19.310	-69	46	42.65	4	9002	OLIFANTS	9660	9	TJ	982
	10	17	23	39	37.3552-	1	0	6	54.529	8	50	10.89	4	9011	VILLA DOLO	6973	2	FI	1593
	10	17	23	39	45.3552	1	0	11	3.884	8	0	50.74	4	9011	VILLA DOLO	6973	3	FI	1594
	10	18	1	40	31.5134	1	20	58	37.990	-10	49	25.28	4	9011	VILLA DOLO	6976	2	LE	1711
	10	18	1	41	3.5126	1	21	19	49.502	-14	42	54.08	4	9011	VILLA DOLO	6976	6	LE	1712
	10	18	3	56	12.0597	1	5	30	25.569	-41	19	52.00	4	9011	VILLA DOLO	6984	3	KA	1747
	10	18	3	57	0.0593	1	5	47	8.755	-38	21	47.99	4	9011	VILLA DOLO	6984	9	KA	1748
	10	18	6	0	50.7851	1	5	16	4.091	-38	35	21.09	4	9011	VILLA DOLO	6986	6	MJ	1709
	10	18	6	1	6.7848	1	5	24	33.654	-37	25	36.61	4	9011	VILLA DOLO	6986	8	MJ	1710
	10	18	15	46	14.1718	1	5	13	17.495	-45	8	10.95	4	9003	WOOMERA	11134	4	SS	2144
	10	18	15	46	38.1714	1	5	25	49.577	-43	19	18.44	4	9003	WOOMERA	11134	10	SS	1239
	10	18	17	51	28.8800	1	4	32	10.428	-25	48	43.83	4	9003	WOOMERA	11136	3	HB	3079
	10	18	17	51	32.7816	1	4	34	18.018	-25	33	52.56	4	9003	WOOMERA	11136	4	HB	1241
	10	18	19	26	14.6822	1	3	5	32.842	-52	17	25.78	4	9002	OLIFANTS	9675	3	TJ	983
	10	18	19	26	54.6814	1	3	29	49.333	-50	23	8.96	4	9002	OLIFANTS	9675	8	TJ	2953
	10	18	21	24	28.9128	1	20	21	6.874	-47	2	53.69	4	9002	OLIFANTS	9679	3	KA	2035
	10	18	21	24	52.9125	1	20	30	52.278	-49	30	22.64	4	9002	OLIFANTS	9679	6	KA	986
	10	19	5	31	52.5654	1	5	19	44.733	-37	48	8.84	4	9011	VILLA DOLO	7004	3	MJ	1707
	10	19	5	32	16.5655	1	5	31	12.684	-35	59	28.57	4	9011	VILLA DOLO	7004	6	MJ	1708
	10	19	7	36	55.2476	1	4	32	35.331	-14	44	6.52	4	9011	VILLA DOLO	7008	3	MJ	1705
	10	19	7	37	27.2461	1	4	47	49.615	-12	39	3.86	4	9011	VILLA DOLO	7008	7	MJ	1706
	10	19	20	59	33.8607	1	23	44	18.050	-71	0	21.30	4	9002	OLIFANTS	9702	3	CB	2145
	10	19	21	1	57.8679	1	3	29	44.442	-67	24	15.89	4	9002	OLIFANTS	9702	10	CB	2146
	10	20	0	48	50.3121	10	1	55	22.029	-32	38	39.71	4	9011	VILLA DOLO	7019	3	SE	1703
	10	20	0	49	6.3091	10	2	5	28.375	-32	40	8.26	4	9011	VILLA DOLO	7019	5	SE	1704
	10	20	1	14	51.5363	1	3	47	32.297	-30	53	21.37	4	9002	OLIFANTS	9707	2	SE	1169
	10	20	1	16	59.5379	1	4	56	12.627	-22	28	14.22	4	9002	OLIFANTS	9707	8	SE	1170
	10	20	1	38	27.8461	3	9	37	57.120	-31	11	14.88	4	9008	SHIRAZ	9784	4	KA	2526
	10	20	1	39	31.8463	3	9	59	24.429	-27	28	5.67	4	9008	SHIRAZ	9784	12	KA	2527
	10	20	5	0	14.4386	1	3	47	29.172	-48	31	49.03	4	9011	VILLA DOLO	7028	3	SE	2962
	10	20	5	0	38.4376	1	4	5	13.714	-46	56	10.98	4	9011	VILLA DOLO	7028	6	SE	1702
	10	20	7	7	10.9068	1	4	13	48.344	-18	25	55.71	4	9011	VILLA DOLO	7032	3	CB	1699
	10	20	7	7	26.9064	1	4	21	52.467	-17	24	6.34	4	9011	VILLA DOLO	7032	5	CB	1700
	10	20	10	32	8.2502	1	23	42	57.931	-13	48	26.85	4	9003	WOOMERA	11140	3	HB	1242
	10	20	10	32	20.2500	1	23	52	49.416	-14	57	47.24	4	9003	WOOMERA	11140	6	HB	1243
	10	20	12	38	16.0492	1	1	14	0.273	-55	52	10.45	4	9003	WOOMERA	11146	4	BZ	1154

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1962	10	20	12	38	40.0485	1	1	42	14.014	-55	15	42.69	4	9003	WOOMERA	11146 10	BZ	1155
	10	20	18	24	50.6797	1	23	34	8.457	-51	3	8.55	4	9002	OLIFANTS	9712 7	NG	3083
	10	21	1	10	1.0128	3	9	38	37.715	-28	38	10.90	4	9008	SHIRAZ	9794 4	BZ	2528
	10	21	1	10	25.0132	3	9	46	1.434	-27	16	30.44	4	9008	SHIRAZ	9794 7	BZ	2529
	10	21	2	23	26.9784	1	1	22	34.253	-57	9	18.83	4	9011	VILLA DOLO	7044 4	TJ	2960
	10	21	2	23	42.9782	1	1	42	7.916	-56	39	53.80	4	9011	VILLA DOLO	7044 8	TJ	2961
	10	21	4	30	48.8127	1	3	36	49.599	-49	53	5.79	4	9011	VILLA DOLO	7048 4	BZ	1739
	10	21	4	31	12.8118	1	3	55	3.543	-48	10	46.28	4	9011	VILLA DOLO	7048 7	BZ	1740
	10	21	6	37	45.9704	10	4	5	28.513	-20	45	36.30	4	9011	VILLA DOLO	7052 2	KA	1745
	10	21	6	38	9.9705	10	4	17	54.265	-19	9	33.94	4	9011	VILLA DOLO	7052 5	KA	1746
	10	21	8	37	9.7504	1	1	53	58.144	- 8	44	5.95	4	9011	VILLA DOLO	7058 3	KA	1677
	10	21	8	37	33.7502	1	2	1	17.215	- 7	52	15.70	4	9011	VILLA DOLO	7058 6	KA	1678
	10	21	10	3	56.8462	1	0	8	49.737	-13	7	23.93	4	9003	WOOMERA	11150 3	BZ	1152
	10	21	10	4	24.8459	1	0	28	38.777	-15	20	1.50	4	9003	WOOMERA	11150 11	BZ	1153
	10	21	12	8	38.5061	1	0	28	5.363	-54	56	16.45	4	9003	WOOMERA	11155 3	SE	1150
	10	21	12	8	50.5058	1	0	43	59.635	-54	52	38.31	4	9003	WOOMERA	11155 6	SE	1151
	10	21	17	56	44.0097	1	0	35	18.513	-48	31	8.30	4	9002	OLIFANTS	9722 12	SE	1171
	10	21	17	57	0.0102	1	0	52	11.840	-48	21	13.11	4	9002	OLIFANTS	9722 14	SE	1172
	10	21	23	47	44.4297	1	23	1	16.660	-14	49	44.67	4	9011	VILLA DOLO	7060 3	WS	1687
	10	21	23	48	8.4284	1	23	24	29.322	-17	22	35.57	4	9011	VILLA DOLO	7060 6	WS	1688
	10	22	0	40	0.2077	3	9	11	6.003	-31	8	49.35	4	9008	SHIRAZ	9800 3	HB	2504
	10	22	0	40	56.2079	3	9	27	5.102	-28	7	14.32	4	9008	SHIRAZ	9800 10	HB	2505
	10	22	3	59	57.7320	1	2	2	52.198	-56	13	20.29	4	9011	VILLA DOLO	7065 4	WS	1689
	10	22	4	1	33.7257	1	3	34	34.387	-50	22	56.77	4	9011	VILLA DOLO	7065 8	WS	1690
	10	22	4	2	48.9182	1	4	25	2.404	-44	17	52.53	4	9011	VILLA DOLO	7066 3	CB	1697
	10	22	4	3	12.9183	1	4	38	0.908	-42	17	48.94	4	9011	VILLA DOLO	7066 6	CB	1698
	10	22	6	7	41.5105	1	3	35	51.452	-25	35	46.71	4	9011	VILLA DOLO	7069 2	SC	1681
	10	22	6	8	5.5100	1	3	49	28.544	-24	1	6.21	4	9011	VILLA DOLO	7069 5	SC	1682
	10	22	8	13	48.7285	1	3	38	51.185	7	16	49.33	4	9011	VILLA DOLO	7073 3	KA	1691
	10	22	8	14	20.7283	1	3	49	59.007	9	10	6.08	4	9011	VILLA DOLO	7073 7	KA	1692
	10	22	10	27	42.0236	1	7	21	50.247	-35	7	28.03	4	9010	JUPITER	7692 6	KA	1320
	10	22	10	27	58.0248	1	7	27	42.597	-34	22	47.29	4	9010	JUPITER	7692 7	KA	1321
	10	22	14	20	10.7839	1	8	28	0.607	-32	54	43.78	4	9012	MAUI	7974 2	BZ	1348
	10	22	14	21	6.7831	1	8	45	21.232	-29	21	58.42	4	9012	MAUI	7974 9	BZ	1349
	10	23	1	24	45.0284	1	0	35	49.140	-56	8	6.68	4	9011	VILLA DOLO	7082 3	LE	1749
	10	23	1	24	57.0280	1	0	52	28.854	-55	50	2.46	4	9011	VILLA DOLO	7082 6	LE	1750
	10	23	3	26	36.8701	1	21	20	15.741	-49	8	53.67	4	9011	VILLA DOLO	7087 3	SS	1695
	10	23	3	26	52.8696	1	21	32	22.500	-50	33	4.35	4	9011	VILLA DOLO	7087 5	SS	1696
	10	23	5	37	14.0116	1	4	32	11.179	-64	14	36.14	4	9007	AREQUIPA	7325 3	KA	4511
	10	23	5	38	18.0176	1	5	15	14.779	-59	6	33.55	4	9007	AREQUIPA	7325 7	KA	2914
	10	23	5	43	23.6244	1	5	45	37.980	- 6	2	21.87	4	9011	VILLA DOLO	7090 3	KA	1679
	10	23	5	43	39.6240	1	5	50	41.324	- 5	2	45.76	4	9011	VILLA DOLO	7090 5	KA	1680
	10	23	7	42	32.1507	1	2	46	57.865	- 0	36	17.98	4	9011	VILLA DOLO	7094 2	FI	2510
	10	23	7	43	4.1547	1	2	58	50.499	1	10	50.60	4	9011	VILLA DOLO	7094 4	FI	2511
	10	23	7	45	29.4278	1	3	52	19.898	9	45	12.50	4	9011	VILLA DOLO	7095 2	SC	1683

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	23	7	46	9.4230	1	4	6	47.213	12	9	4.45	4	9011	VILLA DOLO	7095	7	TJ	1684
	10	23	7	53	36.1263	1	7	23	23.732	-39	51	48.96	4	9009	CURACAO	6134	4	WS	2079
	10	23	11	10	4.8996	1	23	42	9.663	-51	19	56.18	4	9003	WOOMERA	11158	4	SE	1148
	10	23	11	10	28.8983	1	0	16	9.569	-51	22	38.75	4	9003	WOOMERA	11158	10	SE	1149
	10	23	13	51	3.3814	1	8	22	28.788	-32	10	24.86	4	9012	MAUI	7980	3	BZ	1346
	10	23	13	51	51.3820	1	8	36	6.709	-29	12	10.18	4	9012	MAUI	7980	6	BZ	1347
	10	23	15	29	46.4878	1	6	4	2.904	-11	43	2.16	4	9003	WOOMERA	11167	2	KA	1244
	10	23	15	30	18.4903	1	6	12	5.555	- 9	46	40.96	4	9003	WOOMERA	11167	10	KA	1245
	10	23	21	9	40.6963	1	2	18	46.897	-70	11	31.38	4	9002	OLIFANTS	9740	7	TJ	825
	10	23	21	9	56.6955	1	2	42	11.477	-69	7	28.80	4	9002	OLIFANTS	9740	9	TJ	4634
	10	23	23	18	35.1172	1	4	17	22.650	-35	9	22.46	4	9002	OLIFANTS	9745	3	CB	987
	10	23	23	18	51.1172	1	4	26	16.626	-33	46	58.57	4	9002	OLIFANTS	9745	5	CB	988
	10	23	23	47	44.8926	1	8	26	10.805	-19	1	50.65	4	9006	NAIN TAL	5124	3	SC	2906
	10	23	23	49	6.7634	1	9	0	29.617	-13	41	21.59	4	9006	NAIN TAL	5124	11	NG	2907
	10	24	0	55	9.1079	1	23	45	24.876	-55	12	54.14	4	9011	VILLA DOLO	7106	4	LE	1751
	10	24	0	55	29.1071	1	0	16	10.631	-55	4	24.62	4	9011	VILLA DOLO	7106	9	PB	1752
	10	24	1	16	48.4214	1	0	43	22.675	-20	25	21.75	4	9002	OLIFANTS	9747	11	CB	989
	10	24	1	17	12.4207	1	0	51	38.081	-19	48	17.82	4	9002	OLIFANTS	9747	14	CB	990
	10	24	2	57	36.0860	1	21	3	8.079	-50	59	24.81	4	9011	VILLA DOLO	7113	5	PB	1753
	10	24	2	57	52.0856	1	21	16	47.040	-52	32	37.96	4	9011	VILLA DOLO	7113	9	PB	1754
	10	24	5	15	47.7938	1	6	8	29.536	- 1	6	25.36	4	9011	VILLA DOLO	7118	3	KA	1743
	10	24	5	16	27.7942	1	6	18	16.016	0	57	32.49	4	9011	VILLA DOLO	7118	8	KA	1744
	10	24	7	18	9.0440	1	4	30	9.375	15	47	50.48	4	9011	VILLA DOLO	7121	2	BZ	1741
	10	24	7	18	57.0436	1	4	47	7.220	18	28	45.63	4	9011	VILLA DOLO	7121	8	BZ	1742
	10	24	7	20	2.1059	1	6	10	14.410	- 6	0	38.47	4	9007	AREQUIPA	7348	8	BZ	2391
	10	24	9	30	28.3154	1	6	7	43.892	- 8	47	34.49	4	9009	CURACAO	6138	4	WS	2080
	10	24	9	30	52.3157	1	6	17	28.089	- 6	46	4.86	4	9009	CURACAO	6138	7	NG	2081
	10	24	10	40	12.0540	1	22	19	46.319	-46	36	46.64	4	9003	WOOMERA	11170	2	WS	1246
	10	24	10	40	40.0523	1	23	3	43.499	-48	16	57.60	4	9003	WOOMERA	11170	9	WS	1247
	10	24	11	31	23.3197	1	8	18	38.775	-27	5	12.25	4	9001	ORGAN PASS	7972	5	SS	968
	10	24	11	33	15.3136	1	8	57	22.385	-20	57	21.49	4	9001	ORGAN PASS	7972	10	SS	969
	10	24	11	34	35.3246	1	9	25	28.794	-16	21	24.96	4	9001	ORGAN PASS	7972	15	SS	2141
	10	24	12	44	48.0435	1	21	56	53.478	-62	4	32.86	4	9003	WOOMERA	11180	4	SE	2042
	10	24	12	45	4.0428	1	22	21	50.970	-63	16	41.95	4	9003	WOOMERA	11180	8	SE	2043
	10	24	17	0	35.5162	1	3	18	33.716	- 5	59	24.22	4	9003	WOOMERA	11189	6	WS	2147
	10	24	17	1	39.5071	1	3	47	31.672	- 1	44	2.24	4	9003	WOOMERA	11189	10	WS	1249
	10	24	17	5	26.4970	1	5	16	16.891	12	22	13.21	4	9003	WOOMERA	11190	2	KA	1250
	10	24	17	6	6.4968	1	5	29	43.929	14	30	43.27	4	9003	WOOMERA	11190	12	KA	1251
	10	24	19	5	4.2717	1	2	58	26.298	15	17	8.50	4	9003	WOOMERA	11195	5	KA	1252
	10	24	19	5	56.2715	1	3	12	24.513	18	4	25.78	4	9003	WOOMERA	11195	18	KA	1253
	10	24	19	25	2.7735	1	8	46	31.163	-21	8	42.89	4	9005	TOKYO	6704	3	WS	1731
	10	24	19	25	42.7727	1	9	1	10.799	-19	0	44.67	4	9005	TOKYO	6704	8	WS	1732
	10	24	20	41	14.5234	1	3	29	35.199	-66	43	38.43	4	9002	OLIFANTS	9761	4	PB	991
	10	24	20	41	46.5227	1	3	58	10.601	-63	26	18.05	4	9002	OLIFANTS	9761	8	PB	992
	10	24	22	54	15.1176	1	6	11	29.697	-11	17	47.95	4	9002	OLIFANTS	9762	8	PB	993

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	24	22	54	31.1180	1	6	15	34.825	-10	12	3.92	4	9002	OLIFANTS	9762 10	PB	994
	10	24	23	18	51.7073	1	8	28	37.053	-18	2	30.80	4	9006	NAIN TAL	5130 3	NG	4510
	10	24	23	19	15.7076	1	8	37	58.119	-16	31	31.46	4	9006	NAIN TAL	5130 6	KA	2912
	10	25	0	52	12.7278	1	2	18	50.421	-10	51	56.67	4	9002	OLIFANTS	9764 7	SS	995
	10	25	0	52	28.7273	1	2	25	36.302	- 9	55	33.48	4	9002	OLIFANTS	9764 9	SS	996
	10	25	1	15	21.7275	3	7	41	19.633	-22	50	5.99	4	9008	SHIRAZ	9825 3	KA	2915
	10	25	1	16	57.7306	3	8	18	59.458	-17	5	18.13	4	9008	SHIRAZ	9825 7	KA	2916
	10	25	9	1	23.0794	1	6	16	10.104	- 9	32	1.08	4	9009	CURACAO	6143 2	BZ	2082
	10	25	9	2	3.0798	1	6	32	51.707	- 6	5	57.27	4	9009	CURACAO	6143 7	BZ	2083
	10	25	9	5	6.1732	1	8	52	12.750	-17	55	32.18	4	9010	JUPITER	7705 4	WS	1322
	10	25	9	5	22.1776	1	8	57	19.245	-16	56	37.03	4	9010	JUPITER	7705 6	WS	1323
	10	25	10	10	47.3394	1	21	37	33.741	-41	7	40.49	4	9003	WOOMERA	11197 5	KA	2037
	10	25	10	10	59.3390	1	21	56	50.980	-42	27	1.33	4	9003	WOOMERA	11197 11	KA	2038
	10	25	12	16	17.7239	1	22	52	55.809	-65	49	0.37	4	9003	WOOMERA	11207 3	SC	2148
	10	25	12	16	37.7231	1	23	33	7.109	-66	12	23.33	4	9003	WOOMERA	11207 8	SC	1257
	10	25	12	52	42.8303	1	8	8	41.930	-30	36	10.97	4	9012	MAUI	7988 4	SE	2958
	10	25	12	53	30.8313	1	8	20	9.096	-27	46	46.39	4	9012	MAUI	7988 7	SE	2959
	10	25	14	16	53.2198	1	20	22	39.806	-38	34	55.35	4	9003	WOOMERA	11216 4	SC	1258
	10	25	14	17	13.2191	1	20	31	38.889	-39	55	39.18	4	9003	WOOMERA	11216 9	SC	1259
	10	25	18	38	16.1852	1	3	31	15.255	23	19	4.71	4	9003	WOOMERA	11223 7	SC	1260
	10	25	18	38	28.1854	1	3	34	43.878	23	58	20.50	4	9003	WOOMERA	11223 10	TJ	1261
	10	25	20	11	46.8980	1	3	23	38.974	-68	3	32.21	4	9002	OLIFANTS	9776 6	SS	1328
	10	25	20	12	10.8960	1	3	45	52.555	-65	23	22.28	4	9002	OLIFANTS	9776 9	SS	1329
	10	25	22	9	38.1126	1	20	32	46.804	-42	4	7.96	4	9002	OLIFANTS	9779 4	SS	1330
	10	25	22	10	33.2307	1	20	55	13.048	-45	5	31.44	4	9002	OLIFANTS	9779 8	TJ	1331
	10	26	0	28	1.0856	1	4	25	10.723	8	46	2.89	4	9002	OLIFANTS	9781 4	NG	1332
	10	26	0	28	25.0855	1	4	34	33.491	10	24	9.62	4	9002	OLIFANTS	9781 7	NG	1333
	10	26	0	47	52.4106	3	8	17	41.096	-16	42	58.13	4	9008	SHIRAZ	9832 3	SC	2530
	10	26	2	25	30.3551	1	1	52	3.049	4	58	23.88	4	9002	OLIFANTS	9784 6	NG	1334
	10	26	2	26	58.3535	1	2	12	17.240	9	10	58.57	4	9002	OLIFANTS	9784 17	NG	1335
	10	26	2	31	37.4995	1	3	18	50.187	24	17	45.26	4	9002	OLIFANTS	9785 4	SE	1336
	10	26	2	33	5.5028	1	3	40	52.734	29	18	5.12	4	9002	OLIFANTS	978 15	SE	1337
	10	26	6	25	49.9577	1	7	22	16.218	9	21	21.34	4	9007	AREQUIPA	7377 9	HB	2361
	10	26	6	26	28.7320	1	7	25	39.816	-35	30	24.97	4	9009	CURACAO	6144 5	LE	1767
	10	26	6	27	0.7314	1	7	33	25.407	-33	22	38.66	4	9009	CURACAO	6144 9	LE	1768
	10	26	8	33	27.0322	1	8	0	6.203	-26	16	59.38	4	9010	JUPITER	7714 4	WS	1324
	10	26	8	33	51.0322	1	8	7	17.941	-24	53	17.15	4	9010	JUPITER	7714 7	WS	1325
	10	26	10	32	40.2069	1	5	9	3.480	-22	4	18.09	4	9010	JUPITER	7720 3	CB	1326
	10	26	10	33	20.2039	1	5	20	12.764	-20	23	6.97	4	9010	JUPITER	7720 8	CB	1327
	10	26	12	23	6.8132	1	7	55	30.615	-31	6	39.80	4	9012	MAUI	7998 2	FI	2512
	10	26	12	23	22.8132	1	7	59	4.148	-30	11	36.48	4	9012	MAUI	7998 4	FI	2513
	10	26	14	28	24.7882	1	7	23	12.795	-12	5	29.44	4	9012	MAUI	8002 3	WS	1595
	10	26	14	29	52.3969	1	7	59	11.709	- 5	20	3.38	4	9012	MAUI	8002 12	WS	1596
	10	26	21	42	21.3697	1	20	58	38.114	-50	32	32.21	4	9002	OLIFANTS	9793 4	SE	1338
	10	26	21	42	53.3697	1	21	18	47.495	-52	33	24.78	4	9002	OLIFANTS	9793 8	SE	1339

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	27	0	17	54.1882	3	7	57	32.726	-19	18	31.10	4	9008	SHIRAZ	9839	4	SC	2531
	10	27	0	18	10.1883	3	8	3	11.340	-18	20	57.38	4	9008	SHIRAZ	9839	6	SC	2532
	10	27	3	33	26.3695	1	20	45	25.355	-39	28	54.17	4	9011	VILLA DOLO	7151	4	SE	1755
	10	27	3	33	50.3689	1	20	59	24.243	-40	55	42.65	4	9011	VILLA DOLO	7151	7	SE	1756
	10	27	5	58	26.3237	1	7	36	20.599	-29	49	45.85	4	9009	CURACAO	6151	2	LE	3090
	10	27	5	58	42.3237	1	7	39	40.991	-28	48	5.99	4	9009	CURACAO	6151	4	LE	1770
	10	27	7	55	5.1318	1	3	38	46.315	31	35	30.02	4	9011	VILLA DOLO	7158	3	SE	1757
	10	27	7	55	45.1321	1	3	49	51.559	33	33	25.30	4	9011	VILLA DOLO	7158	8	SE	1758
	10	27	8	3	45.0761	1	6	49	12.511	- 7	5	58.69	4	9009	CURACAO	6153	3	PB	1771
	10	27	8	4	1.0761	1	6	55	40.148	- 5	43	53.63	4	9009	CURACAO	6153	5	PB	1772
	10	27	10	3	39.0141	1	7	57	43.298	-26	3	31.04	4	9001	ORGAN PASS	7986	3	NG	971
	10	27	10	4	19.0135	1	8	9	0.412	-23	59	11.83	4	9001	ORGAN PASS	7986	8	NG	972
	10	27	10	9	39.6525	1	7	23	39.698	- 1	8	2.31	4	9010	JUPITER	7726	2	KA	1693
	10	27	10	9	55.6523	1	7	30	59.967	0	4	29.84	4	9010	JUPITER	7726	4	KA	1694
	10	27	12	9	10.0285	1	7	43	54.829	- 4	21	9.31	4	9001	ORGAN PASS	7991	3	NG	973
	10	27	12	9	26.0284	1	7	51	13.055	- 3	18	13.04	4	9001	ORGAN PASS	7991	7	CB	974
	10	27	13	58	36.0110	1	7	12	5.373	-14	54	47.76	4	9012	MAUI	8009	3	WS	1597
	10	27	13	59	24.0083	1	7	30	29.294	-11	21	54.97	4	9012	MAUI	8009	9	WS	1598
	10	27	19	16	24.6242	1	4	47	49.641	-45	45	33.54	4	9002	OLIFANTS	9799	5	SE	3082
	10	27	19	17	28.6222	1	4	59	59.735	-40	4	53.76	4	9002	OLIFANTS	9799	13	LE	1341
	10	27	21	14	17.5852	1	21	22	33.394	-57	39	30.18	4	9002	OLIFANTS	9804	7	LE	1342
	10	27	21	14	49.5850	1	21	53	29.629	-59	38	56.55	4	9002	OLIFANTS	9804	11	LE	1343
	10	28	1	34	47.3475	1	3	35	21.601	31	7	30.27	4	9002	OLIFANTS	9808	6	LE	1344
	10	28	1	35	35.3467	1	3	49	30.039	33	48	4.62	4	9002	OLIFANTS	9808	12	LE	1345
	10	28	3	4	15.3021	1	20	19	11.275	-40	51	54.77	4	9011	VILLA DOLO	7172	3	SS	1759
	10	28	3	4	39.3015	1	20	34	2.134	-42	34	35.51	4	9011	VILLA DOLO	7172	6	SS	1760
	10	28	7	28	14.0815	1	4	17	1.511	38	48	17.67	4	9011	VILLA DOLO	7179	7	SS	1761
	10	28	7	28	38.0812	1	4	24	5.135	39	49	42.26	4	9011	VILLA DOLO	7179	10	SS	3089
	10	28	7	36	20.3505	1	7	36	17.328	1	23	7.97	4	9009	CURACAO	6159	3	PB	1773
	10	28	7	36	44.3506	1	7	45	11.884	3	14	15.94	4	9009	CURACAO	6159	6	PB	1774
	10	28	9	35	29.1188	1	8	8	6.759	-22	5	21.64	4	9001	ORGAN PASS	7997	3	CB	975
	10	28	9	35	45.1190	1	8	12	19.349	-21	16	12.11	4	9001	ORGAN PASS	7997	5	CB	976
	10	28	10	48	30.1225	1	21	49	23.722	-68	2	35.16	4	9003	WOOMERA	11236	3	SE	1270
	10	28	10	48	58.1210	1	23	5	58.741	-68	26	26.72	4	9003	WOOMERA	11236	10	WS	2149
	10	28	11	39	57.3073	1	7	45	13.110	- 4	34	49.15	4	9001	ORGAN PASS	8001	2	CB	977
	10	28	11	40	13.3075	1	7	52	17.659	- 3	33	15.62	4	9001	ORGAN PASS	8001	4	TJ	978
	10	28	12	52	11.9371	1	21	7	33.861	-57	24	38.49	4	9003	WOOMERA	11245	7	KA	1272
	10	28	12	52	27.9369	1	21	28	16.517	-58	42	33.72	4	9003	WOOMERA	11245	10	KA	1273
	10	28	13	30	46.8227	1	7	45	8.007	- 8	41	7.09	4	9012	MAUI	8017	3	BZ	1599
	10	28	13	31	18.8215	1	7	56	34.561	- 6	23	39.17	4	9012	MAUI	8017	7	BZ	1600
	10	28	15	31	36.1521	1	4	51	46.545	4	49	32.69	4	9012	MAUI	8023	4	KA	1601
	10	28	15	32	24.1688	1	5	6	14.707	8	31	30.93	4	9012	MAUI	8023	7	KA	1602
	10	28	20	46	24.1159	1	22	40	5.071	-65	24	2.46	4	9002	OLIFANTS	9819	4	SS	1611
	10	28	20	47	4.1164	1	23	45	6.356	-65	56	31.48	4	9002	OLIFANTS	9819	9	SS	1612
	10	28	23	19	3.7596	3	7	43	35.189	-19	44	23.21	4	9008	SHIRAZ	9859	3	SC	2533

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	28	23	19	35.7602	3	7	53	29.490	-17	53	14.13	4	9008	SHIRAZ	9859	7	TJ	2534
	10	29	1	9	33.2256	1	4	50	46.276	43	47	7.11	4	9002	OLIFANTS	9824	6	SS	1613
	10	29	1	10	5.2252	1	5	1	15.791	45	7	13.77	4	9002	OLIFANTS	9824	10	SS	1614
	10	29	1	25	1.1324	3	7	30	35.841	10	12	39.90	4	9008	SHIRAZ	9863	4	SE	2535
	10	29	1	25	25.1342	3	7	43	0.955	12	1	30.34	4	9008	SHIRAZ	9863	7	SE	2536
	10	29	2	36	18.0343	1	20	47	31.260	-48	20	3.41	4	9011	VILLA DOLO	7193	3	LE	1763
	10	29	2	36	50.0340	1	21	18	52.392	-50	41	13.47	4	9011	VILLA DOLO	7193	7	LE	1764
	10	29	3	16	29.0216	1	8	2	15.239	-19	46	59.80	4	9004	SAN FERNAN	6757	3	SC	1177
	10	29	3	16	45.0214	1	8	6	56.023	-18	59	43.19	4	9004	SAN FERNAN	6757	5	SC	1178
	10	29	5	21	27.4215	1	7	55	21.925	0	6	21.89	4	9004	SAN FERNAN	6763	2	KA	1179
	10	29	5	21	51.4217	1	8	6	49.596	1	31	32.52	4	9004	SAN FERNAN	6763	5	KA	1180
	10	29	7	7	28.1441	1	7	45	20.150	2	26	52.78	4	9009	CURACAO	6166	5	SS	1775
	10	29	7	8	0.1419	1	7	56	4.121	4	41	33.30	4	9009	CURACAO	6166	9	SS	1776
	10	29	9	10	34.2783	1	5	22	5.279	30	17	39.57	4	9009	CURACAO	6169	2	SS	1777
	10	29	9	11	14.2787	1	5	39	11.164	34	3	50.61	4	9009	CURACAO	6169	7	SS	1778
	10	29	10	19	37.5428	1	22	36	48.718	-68	50	5.60	4	9003	WOOMERA	11258	3	KA	1274
	10	29	10	19	49.5420	1	23	11	29.192	-68	27	29.23	4	9003	WOOMERA	11258	6	KA	1275
	10	29	11	10	12.9275	1	7	33	34.499	- 6	33	46.57	4	9001	ORGAN PASS	8007	3	TJ	1262
	10	29	11	10	32.9275	1	7	41	54.677	- 5	19	12.19	4	9001	ORGAN PASS	8007	8	TJ	1263
	10	29	12	22	39.8817	1	20	19	42.744	-57	57	6.76	4	9003	WOOMERA	11266	4	CB	1276
	10	29	12	23	15.8802	1	21	9	49.765	-61	31	50.44	4	9003	WOOMERA	11266	13	CB	1277
	10	29	13	3	8.1990	1	8	15	54.615	- 2	10	13.23	4	9012	MAUI	8028	3	TJ	1603
	10	29	15	5	40.6438	1	6	11	17.391	21	47	57.88	4	9012	MAUI	8033	3	KA	1604
	10	29	15	6	12.6417	1	6	26	40.888	24	44	26.26	4	9012	MAUI	8033	7	KA	3088
	10	29	20	53	3.4387	1	8	6	36.525	-15	13	12.97	4	9006	NAIN TAL	5158	5	WS	2454
	10	29	22	50	46.3279	3	7	56	16.700	-15	51	42.33	4	9008	SHIRAZ	9871	4	LE	2537
	10	29	22	51	34.3288	3	8	10	2.424	-13	10	41.54	4	9008	SHIRAZ	9871	10	LE	2538
	10	29	22	55	54.1002	1	6	57	52.367	0	21	34.73	4	9006	NAIN TAL	5162	3	WS	2455
	10	29	22	56	18.1013	1	7	8	32.103	2	3	4.71	4	9006	NAIN TAL	5162	6	WS	2456
	10	30	0	54	41.1114	3	7	4	37.572	4	56	51.08	4	9008	SHIRAZ	9874	4	LE	2539
	10	30	0	55	5.1125	3	7	15	52.891	6	40	54.62	4	9008	SHIRAZ	9874	7	LE	2540
	10	30	2	7	14.0775	1	20	31	22.328	-51	25	33.18	4	9011	VILLA DOLO	7219	4	LE	1765
	10	30	2	7	30.0773	1	20	48	58.393	-52	49	40.66	4	9011	VILLA DOLO	7219	8	LE	1766
	10	30	6	40	10.8247	1	8	19	40.227	9	12	33.71	4	9009	CURACAO	6174	3	FI	1779
	10	30	6	40	34.8250	1	8	26	37.479	10	31	4.59	4	9009	CURACAO	6174	6	FI	1780
	10	30	8	42	51.3703	1	6	18	55.373	38	41	47.99	4	9009	CURACAO	6177	5	FI	1781
	10	30	8	43	7.3708	1	6	27	31.287	39	58	18.70	4	9009	CURACAO	6177	7	FI	1782
	10	30	10	41	14.9305	1	7	41	29.374	- 5	27	38.22	4	9001	ORGAN PASS	8018	4	NG	1264
	10	30	10	41	46.9301	1	7	54	22.449	- 3	31	17.28	4	9001	ORGAN PASS	8018	8	NG	1265
	10	30	11	54	29.2950	1	21	43	53.951	-66	22	12.05	4	9003	WOOMERA	11280	6	CB	1278
	10	30	11	54	58.4640	1	22	51	36.120	-67	9	59.84	4	9003	WOOMERA	11280	12	CB	1279
	10	30	12	34	56.3423	1	8	29	59.039	1	24	28.55	4	9012	MAUI	8037	4	TJ	1605
	10	30	12	36	0.3809	1	8	48	21.509	4	48	53.23	4	9012	MAUI	8037	8	TJ	1606
	10	30	14	37	44.9726	1	7	3	55.115	28	16	41.23	4	9012	MAUI	8040	4	TJ	2957
	10	30	14	38	24.9801	1	7	26	31.118	31	20	22.38	4	9012	MAUI	8040	9	SC	1608

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	30	16	28	29.2803	1	7	41	14.658	-21	36	41.92	4	9005	TOKYO	6718	2	WS	1735
	10	30	16	29	1.2805	1	7	49	10.591	-20	5	19.04	4	9005	TOKYO	6718	6	WS	1736
	10	30	18	33	5.1475	1	7	34	2.161	- 5	33	28.35	4	9005	TOKYO	6720	2	BZ	1737
	10	30	18	33	29.1481	1	7	43	54.109	- 4	11	48.95	4	9005	TOKYO	6720	5	BZ	1738
	10	30	22	22	26.7641	3	8	5	25.528	-12	14	8.49	4	9008	SHIRAZ	9879	4	PB	2541
	10	30	22	22	42.7639	3	8	9	39.933	-11	23	25.12	4	9008	SHIRAZ	9879	6	PB	2542
	10	30	22	28	7.2939	1	7	42	44.647	6	12	26.34	4	9006	NAIN TAL	5169	5	WS	2457
	10	30	22	28	31.2954	1	7	53	49.548	7	47	11.14	4	9006	NAIN TAL	5169	8	WS	2458
	10	31	0	26	53.0418	3	7	51	48.920	10	37	40.49	4	9008	SHIRAZ	9881	4	PB	2543
	10	31	0	27	5.0418	3	7	57	41.324	11	24	31.28	4	9008	SHIRAZ	9881	7	SS	4509
	10	31	1	39	20.0285	1	22	6	1.849	-60	3	30.35	4	9011	VILLA DOLO	7244	3	FI	2945
	10	31	1	39	36.0276	1	22	36	10.758	-60	24	3.65	4	9011	VILLA DOLO	7244	5	FI	2515
	10	31	6	12	17.6266	1	8	35	20.447	12	23	50.07	4	9009	CURACAO	6181	4	SS	1783
	10	31	6	12	33.6267	1	8	39	25.388	13	6	13.55	4	9009	CURACAO	6181	6	SS	3091
	10	31	8	14	12.4867	1	6	55	18.216	40	36	7.29	4	9009	CURACAO	6183	4	BZ	2084
	10	31	8	14	20.4871	1	6	59	48.577	41	6	28.82	4	9009	CURACAO	6183	5	BZ	2085
	10	31	10	12	23.8650	1	7	51	5.430	- 3	51	30.32	4	9001	ORGAN PASS	8028	4	NG	1266
	10	31	10	13	11.8632	1	8	9	26.796	- 1	5	48.68	4	9001	ORGAN PASS	8028	10	NG	1267
	10	31	12	6	52.4512	1	8	41	45.676	4	45	33.63	4	9012	MAUI	8046	7	SC	1610
	10	31	12	7	24.4522	1	8	50	1.499	6	13	29.34	4	9012	MAUI	8046	6	SC	1609
	10	31	12	16	9.2621	1	6	41	29.771	20	5	42.13	4	9001	ORGAN PASS	8033	3	SE	1268
	10	31	12	16	21.2621	1	6	47	36.122	21	0	30.58	4	9001	ORGAN PASS	8033	6	SE	1269
	10	31	13	26	42.7499	1	20	13	30.609	-35	41	43.31	4	9003	WOOMERA	11292	4	HB	1615
	10	31	13	26	58.7496	1	20	23	10.714	-36	24	14.45	4	9003	WOOMERA	11292	8	HB	1616
	10	31	21	53	50.3074	3	8	7	40.295	- 9	42	33.21	4	9008	SHIRAZ	9890	4	SS	2545
	10	31	21	54	14.3076	3	8	13	32.805	- 8	31	54.00	4	9008	SHIRAZ	9890	7	SS	2546
	10	31	22	0	30.6305	1	8	29	32.993	11	40	27.01	4	9006	NAIN TAL	5177	3	BZ	2463
	10	31	22	0	46.6314	1	8	36	33.249	12	30	52.44	4	9006	NAIN TAL	5177	5	BZ	2464
	10	31	23	58	18.4926	3	8	14	51.492	12	32	19.54	4	9008	SHIRAZ	9842	4	WS	2547
	10	31	23	58	42.4936	3	8	26	0.469	13	51	53.77	4	9008	SHIRAZ	9842	7	WS	2548
	11	1	3	12	20.1911	1	21	14	3.843	-30	5	0.88	4	9011	VILLA DOLO	7255	4	FI	6076
	11	1	3	12	44.1894	1	21	30	26.323	-30	16	45.03	4	9011	VILLA DOLO	7255	7	FI	6077
	11	1	3	53	41.9863	1	7	57	11.799	0	4	22.96	4	9004	SAN FERNAN	6772	3	PB	4992
	11	1	3	54	5.9859	1	8	7	13.649	1	20	34.73	4	9004	SAN FERNAN	6772	6	PB	4993
	11	1	7	46	15.0087	1	8	36	2.967	7	30	35.58	4	9010	JUPITER	7739	3	FI	8211
	11	1	7	46	31.0096	1	8	41	32.970	8	17	13.70	4	9010	JUPITER	7739	5	FI	8756
	11	1	9	45	16.8217	1	8	36	3.285	3	8	25.76	4	9001	ORGAN PASS	8039	2	TJ	3727
	11	1	9	45	48.8219	1	8	47	19.757	4	39	3.16	4	9001	ORGAN PASS	8039	6	TJ	3728
	11	1	9	48	33.6980	1	6	58	0.165	31	37	53.75	4	9010	JUPITER	7743	3	FI	8213
	11	1	9	48	57.7006	1	7	12	30.880	33	24	14.33	4	9010	JUPITER	7743	6	FI	8214
	11	1	11	38	8.5211	10	8	40	2.510	5	48	59.99	4	9012	MAUI	8051	6	NG	3867
	11	1	11	38	24.5205	10	8	43	49.511	6	28	55.13	4	9012	MAUI	8051	7	NG	3868
	11	1	11	47	17.8879	1	7	3	43.791	22	3	18.59	4	9001	ORGAN PASS	8044	3	TJ	3729
	11	1	11	47	49.8877	1	7	21	50.497	24	16	8.96	4	9001	ORGAN PASS	8044	7	TJ	3730
	11	1	12	57	45.2977	1	19	56	57.173	-38	28	0.16	4	9003	WOOMERA	11310	2	NG	3757

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	1	12	58	9.2975	1	20	13	51.597	+39	46	53.90	4	9003	WOOMERA	11310	8	NG	3758
	11	1	13	41	20.8403	10	8	33	20.281	32	38	37.82	4	9012	MAUI	8054	3	NG	3869
	11	1	13	41	52.8384	10	8	49	39.715	33	47	34.65	4	9012	MAUI	8054	7	NG	3870
	11	1	18	54	28.5974	1	4	17	28.761	-37	30	2.07	4	9002	OLIFANTS	9847	4	KA	3745
	11	1	18	54	44.5972	1	4	20	47.714	-35	42	50.05	4	9002	OLIFANTS	9847	6	KA	3746
	11	1	20	50	34.1472	1	20	14	41.991	-40	23	50.69	4	9002	OLIFANTS	9852	4	CB	3747
	11	1	20	50	58.1476	1	20	28	54.735	-41	19	2.37	4	9002	OLIFANTS	9852	7	CB	3748
	11	1	21	32	45.4114	1	9	4	53.770	15	3	29.42	4	9006	NAIN TAL	5185	6	SS	3763
	11	1	23	33	5.8661	1	6	19	18.463	31	3	55.73	4	9006	NAIN TAL	5188	3	SS	3764
	11	1	23	33	13.8663	1	6	23	37.848	31	43	1.97	4	9006	NAIN TAL	5188	5	SS	4622
	11	2	1	34	33.0224	1	8	22	44.680	45	53	5.22	4	9008	SHIRAZ	9907	5	BZ	4396
	11	2	1	34	49.0231	1	8	36	7.383	46	33	23.08	4	9008	SHIRAZ	9907	7	BZ	4397
	11	2	2	42	41.9622	1	20	35	14.541	-31	51	1.87	4	9011	VILLA DOLO	7265	5	FI	5083
	11	2	2	43	1.9620	1	20	49	14.104	-32	17	43.06	4	9011	VILLA DOLO	7265	10	FI	5084
	11	2	3	25	8.7536	1	8	14	0.606	2	22	1.13	4	9004	SAN FERNAN	6782	2	NG	4990
	11	2	3	25	40.7529	1	8	26	39.144	3	53	39.04	4	9004	SAN FERNAN	6782	6	NG	4991
	11	2	5	27	44.1136	1	6	55	30.561	20	13	58.47	4	9004	SAN FERNAN	6787	3	NG	4988
	11	2	5	28	8.1134	1	7	8	31.635	21	45	19.57	4	9004	SAN FERNAN	6787	6	NG	4989
	11	2	7	17	23.6867	1	8	14	42.606	41	16	36.00	4	9009	CURACAO	6190	3	SC	5079
	11	2	7	18	3.6865	1	8	33	53.344	42	16	11.05	4	9009	CURACAO	6190	8	LE	5080
	11	2	9	16	1.2837	1	8	31	9.727	3	6	16.27	4	9001	ORGAN PASS	8050	4	BZ	3731
	11	2	9	17	36.2009	1	9	1	43.856	7	4	47.58	4	9001	ORGAN PASS	8050	11	KA	3732
	11	2	9	19	49.5627	1	4	54	47.911	58	51	59.97	4	9009	CURACAO	6192	4	BZ	5077
	11	2	9	20	5.5630	1	5	2	49.017	60	8	30.72	4	9009	CURACAO	6192	9	BZ	5078
	11	2	10	27	41.6904	1	0	37	40.777	-70	31	38.26	4	9003	WOOMERA	11318	2	WS	4839
	11	2	10	28	1.6893	1	1	19	24.470	-67	7	43.32	4	9003	WOOMERA	11318	7	WS	3760
	11	2	11	19	7.6437	1	7	52	38.529	25	55	46.54	4	9001	ORGAN PASS	8056	4	KA	3733
	11	2	11	19	44.7448	1	8	15	9.488	27	49	29.93	4	9001	ORGAN PASS	8056	10	KA	3734
	11	2	12	29	42.8168	1	20	31	15.202	-45	18	35.12	4	9003	WOOMERA	11326	3	WS	3761
	11	2	12	30	2.3303	1	20	52	22.781	-46	20	47.80	4	9003	WOOMERA	11326	8	WS	3762
	11	2	17	8	32.3676	1	8	43	27.883	4	36	9.50	4	9005	TOKYO	6733	4	SS	4136
	11	2	17	8	40.3677	1	8	46	14.451	4	55	49.12	4	9005	TOKYO	6733	5	SS	4137
	11	2	21	3	1.5508	1	8	50	0.633	13	10	42.33	4	9006	NAIN TAL	5197	3	SS	3766
	11	2	21	3	25.5512	1	8	58	35.533	14	5	15.44	4	9006	NAIN TAL	5197	6	SS	3767
	11	2	23	0	54.0026	1	8	43	14.916	14	21	42.70	4	9008	SHIRAZ	9914	3	BZ	4394
	11	2	23	1	26.0033	1	8	55	30.025	15	35	59.24	4	9008	SHIRAZ	9914	7	BZ	4847
	11	2	23	5	22.8857	1	7	32	24.081	37	56	37.76	4	9006	NAIN TAL	5201	3	SC	3768
	11	2	23	5	34.8861	1	7	40	38.801	38	36	54.80	4	9006	NAIN TAL	5201	6	SC	3769
	11	3	0	13	1.1585	1	1	21	34.882	-60	5	48.27	4	9011	VILLA DOLO	7278	4	FI	5085
	11	3	0	13	21.1577	1	1	47	15.302	-56	28	59.92	4	9011	VILLA DOLO	7278	9	FI	5086
	11	3	1	1	7.6078	1	5	55	29.052	28	56	25.91	4	9008	SHIRAZ	9919	3	KA	3846
	11	3	1	1	39.6094	1	6	12	6.059	31	28	30.13	4	9008	SHIRAZ	9919	7	KA	3847
	11	3	2	13	31.9875	1	20	14	22.821	-34	16	40.41	4	9011	VILLA DOLO	7279	4	FI	5087
	11	3	2	13	39.9876	1	20	20	30.584	-34	32	47.06	4	9011	VILLA DOLO	7279	6	FI	5088
	11	3	8	51	43.9543	1	6	6	23.042	65	37	20.27	4	9009	CURACAO	6196	4	BZ	5075

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	3	8	52	7.9544	1	6	26	23.000	66	55	54.65	4	9009	CURACAO	6196	7	BZ	6072
	11	3	8	52	26.0870	1	8	52	47.294	36	22	2.46	4	9010	JUPITER	7754	6	FI	8215
	11	3	8	52	50.0879	1	9	6	44.679	36	53	33.92	4	9010	JUPITER	7754	9	FI	8757
	11	3	10	50	11.3859	1	8	14	3.527	26	4	30.15	4	9001	ORGAN PASS	8067	3	KA	4554
	11	3	10	50	43.3859	1	8	32	25.918	27	20	47.22	4	9001	ORGAN PASS	8067	7	KA	3736
	11	3	12	0	42.9409	1	20	26	41.997	-49	47	7.52	4	9003	WOOMERA	11342	2	BZ	3851
	11	3	12	0	54.9405	1	20	42	38.293	-50	31	41.57	4	9003	WOOMERA	11342	5	BZ	3852
	11	3	12	44	47.6677	10	9	24	54.715	31	21	38.57	4	9012	MAUI	8070	4	NG	3871
	11	3	12	45	19.6648	10	9	36	41.858	31	49	39.38	4	9012	MAUI	8070	6	NG	4623
	11	3	14	45	59.3578	10	6	55	22.243	58	0	23.88	4	9012	MAUI	8073	4	KA	3873
	11	3	14	46	23.3563	10	7	15	51.916	59	14	34.89	4	9012	MAUI	8073	7	KA	4624
	11	3	20	34	46.3062	1	9	4	47.180	14	34	48.41	4	9006	NAIN TAL	5207	5	SC	3770
	11	3	22	32	15.6106	1	8	53	11.391	14	59	57.75	4	9008	SHIRAZ	9924	3	KA	3848
	11	3	22	32	55.6117	1	9	6	50.088	16	15	29.94	4	9008	SHIRAZ	9924	7	KA	3849
	11	4	0	35	10.3459	1	8	18	10.117	41	13	35.97	4	9008	SHIRAZ	9930	5	BZ	4398
	11	4	0	35	34.3472	1	8	35	18.100	41	55	35.53	4	9008	SHIRAZ	9930	8	BZ	4399
	11	4	4	30	46.1549	1	8	10	57.758	25	17	25.75	4	9004	SAN FERNAN	6796	3	NG	4986
	11	4	4	31	6.1547	1	8	23	0.742	26	2	10.97	4	9004	SAN FERNAN	6796	8	NG	4987
	11	4	8	22	33.4920	1	6	49	21.250	66	11	40.55	4	9009	CURACAO	6201	3	WS	5073
	11	4	8	23	13.4923	1	7	26	25.405	67	26	5.48	4	9009	CURACAO	6201	9	SS	5074
	11	4	10	25	11.9593	1	6	17	59.216	53	35	54.09	4	9010	JUPITER	7764	3	FI	8758
	11	4	10	25	27.9607	1	6	29	53.278	54	46	56.10	4	9010	JUPITER	7764	5	FI	8216
	11	4	11	32	30.9298	1	21	59	49.643	-56	28	31.12	4	9003	WOOMERA	11361	1	SS	3853
	11	4	11	32	42.9297	1	22	24	0.945	-56	13	37.53	4	9003	WOOMERA	11361	7	KA	3854
	11	4	14	17	44.1382	10	8	19	40.609	59	2	5.10	4	9012	MAUI	8083	4	KA	3875
	11	4	14	18	0.1375	10	8	33	35.426	59	13	26.61	4	9012	MAUI	8083	6	KA	3876
	11	4	16	10	17.9385	1	8	36	56.038	5	14	23.01	4	9005	TOKYO	6743	1	SS	4138
	11	4	16	11	5.9383	1	8	51	2.285	6	50	22.31	4	9005	TOKYO	6743	7	SS	4139
	11	4	17	18	38.2202	1	15	37	27.793	-59	36	26.92	4	9002	OLIFANTS	9867	2	CB	3749
	11	4	17	19	10.2219	1	15	44	52.358	-65	26	23.93	4	9002	OLIFANTS	9867	6	CB	3750
	11	4	17	26	11.3798	1	3	52	52.708	-37	9	51.75	4	9002	OLIFANTS	9868	2	KA	3751
	11	4	17	27	15.3809	1	3	59	52.664	-30	36	35.85	4	9002	OLIFANTS	9868	10	KA	3752
	11	4	18	12	59.0223	1	8	28	5.286	23	44	49.65	4	9005	TOKYO	6746	6	SS	4140
	11	4	18	13	11.0229	1	8	34	38.447	24	7	24.43	4	9005	TOKYO	6746	9	SS	4141
	11	4	19	27	3.0772	1	0	31	44.572	-52	25	44.94	4	9002	OLIFANTS	9876	3	NG	3753
	11	4	19	27	27.0775	1	1	3	33.589	-49	11	27.82	4	9002	OLIFANTS	9876	6	NG	3754
	11	4	20	9	3.9531	1	4	17	33.523	14	23	8.95	4	9005	TOKYO	6754	2	SS	4142
	11	4	20	9	11.9531	1	4	19	25.615	14	47	20.21	4	9005	TOKYO	6754	3	SS	4143
	11	4	22	4	23.3170	1	9	13	32.204	16	35	36.45	4	9008	SHIRAZ	9941	7	BZ	4400
	11	4	22	4	47.3184	1	9	20	40.956	17	8	29.23	4	9008	SHIRAZ	9941	10	BZ	4401
	11	5	0	6	21.4061	1	8	51	2.101	40	1	30.07	4	9008	SHIRAZ	9944	1	BZ	4402
	11	5	0	7	1.4073	1	9	16	21.975	40	25	50.75	4	9008	SHIRAZ	9944	6	BZ	4403
	11	5	1	16	14.4205	1	20	45	4.254	-43	19	21.84	4	9011	VILLA DOLO	7296	4	FI	5089
	11	5	1	16	26.4202	1	21	1	25.137	-43	37	30.13	4	9011	VILLA DOLO	7296	7	FI	5090
	11	5	2	0	11.1116	1	8	59	30.292	8	43	58.76	4	9004	SAN FERNAN	6808	3	KA	4984

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	5	2	0	35.1117	1	9	6	40.190	9	23	27.61	4	9004	SAN FERNAN	6808	7	KA	4985
	11	5	4	1	51.3641	1	8	32	41.733	25	16	33.31	4	9004	SAN FERNAN	6809	3	KA	4983
	11	5	4	2	15.3636	1	8	46	10.727	25	53	53.62	4	9004	SAN FERNAN	6809	6	KA	5361
	11	5	7	54	26.4396	1	8	28	6.609	65	49	13.20	4	9009	CURACAO	6204	3	WS	5071
	11	5	7	54	39.1027	1	9	22	13.349	32	43	22.61	4	9010	JUPITER	7768	4	FI	8217
	11	5	7	54	58.4399	1	8	54	55.930	65	39	15.06	4	9009	CURACAO	6204	7	WS	5072
	11	5	7	55	3.1034	1	9	32	38.089	32	55	1.20	4	9010	JUPITER	7768	7	FI	8218
	11	5	9	56	11.6596	1	7	0	9.569	55	56	19.06	4	9010	JUPITER	7772	2	FI	8759
	11	5	9	56	27.6604	1	7	14	15.762	56	44	56.41	4	9010	JUPITER	7772	4	FI	8219
	11	5	11	3	39.7274	1	23	3	17.112	-59	18	51.18	4	9003	WOOMERA	11374	4	LE	3855
	11	5	11	3	51.7270	1	23	29	36.869	-58	2	41.14	4	9003	WOOMERA	11374	10	LE	3856
	11	5	13	48	55.5019	1	9	4	47.704	56	24	42.20	4	9012	MAUI	8093	3	KA	3877
	11	5	13	49	43.4983	1	9	38	40.380	55	51	10.74	4	9012	MAUI	8093	6	KA	4625
	11	5	17	43	3.6706	1	8	14	44.907	21	40	48.94	4	9005	TOKYO	6760	3	CB	4144
	11	5	17	43	27.6691	1	8	26	55.014	22	25	27.43	4	9005	TOKYO	6760	6	CB	4145
	11	5	19	46	38.4438	1	7	20	22.343	40	49	25.11	4	9005	TOKYO	6772	2	CB	4146
	11	5	19	46	42.4443	1	7	23	18.827	41	0	44.81	4	9005	TOKYO	6772	3	CB	4147
	11	5	23	37	23.8049	1	9	11	39.718	37	56	25.10	4	9008	SHIRAZ	9954	1	KA	4404
	11	5	23	37	31.8052	1	9	16	5.607	37	58	17.98	4	9008	SHIRAZ	9954	2	KA	4405
	11	6	7	25	32.9712	1	9	24	33.156	30	45	2.47	4	9010	JUPITER	7778	4	FI	8220
	11	6	7	25	56.9723	1	9	33	38.757	30	53	53.35	4	9010	JUPITER	7778	7	FI	9812
	11	6	9	24	12.1719	1	9	18	12.756	24	53	0.88	4	9001	ORGAN PASS	8075	2	PB	3737
	11	6	9	24	28.1719	1	9	24	33.205	25	4	20.83	4	9001	ORGAN PASS	8075	4	PB	3738
	11	6	9	28	34.0178	1	9	4	10.439	57	7	50.06	4	9010	JUPITER	7782	2	FI	8760
	11	6	9	28	50.0186	1	9	18	18.743	56	58	26.63	4	9010	JUPITER	7782	4	FI	8221
	11	6	11	26	40.9851	1	8	32	3.713	47	43	39.86	4	9001	ORGAN PASS	8080	4	KA	3739
	11	6	11	27	4.9849	1	8	51	43.221	47	54	44.05	4	9001	ORGAN PASS	8080	7	KA	3740
	11	6	17	15	57.8095	1	9	19	19.392	23	24	14.27	4	9005	TOKYO	6780	5	LE	4148
	11	6	17	16	13.8122	1	9	26	1.989	23	34	4.72	4	9005	TOKYO	6780	7	LE	4149
	11	6	19	17	32.1876	1	7	50	43.357	41	37	16.60	4	9005	TOKYO	6787	3	LE	4150
	11	6	19	17	48.1913	1	8	3	4.335	42	3	12.66	4	9005	TOKYO	6787	5	LE	4151
	11	6	23	9	6.1864	1	9	44	26.381	35	27	31.75	4	9008	SHIRAZ	9963	4	KA	4406
	11	6	23	9	22.1867	1	9	51	30.177	35	21	25.58	4	9008	SHIRAZ	9963	6	KA	4407
	11	7	1	11	26.9510	1	8	28	54.895	58	19	54.18	4	9008	SHIRAZ	9967	2	TJ	4848
	11	7	1	12	6.9527	1	9	9	16.448	58	18	0.04	4	9008	SHIRAZ	9967	7	TJ	4408
	11	7	8	58	16.2965	1	5	3	32.751	74	31	55.33	4	9009	CURACAO	6221	4	KA	5069
	11	7	8	58	48.2966	1	5	36	31.066	76	19	23.35	4	9009	CURACAO	6221	8	KA	5070
	11	7	8	59	28.3278	1	9	35	10.597	53	55	44.49	4	9010	JUPITER	7789	5	FI	8222
	11	7	8	59	36.3284	1	9	40	59.870	53	44	38.99	4	9010	JUPITER	7789	6	FI	8223
	11	7	10	55	9.4243	1	7	12	29.426	43	30	17.95	4	9001	ORGAN PASS	8094	4	KA	3741
	11	7	10	55	41.4241	1	7	36	23.405	44	34	43.10	4	9001	ORGAN PASS	8094	8	KA	3742
	11	7	12	6	44.9234	1	20	17	56.734	-24	2	47.07	4	9003	WOOMERA	11390	3	KA	3857
	11	7	12	7	4.9231	1	20	35	17.280	-23	33	6.00	4	9003	WOOMERA	11390	8	SS	3858
	11	7	14	53	34.7528	1	7	49	10.780	72	22	37.51	4	9012	MAUI	8111	3	WS	3946
	11	7	14	53	50.7522	1	8	11	26.068	72	33	21.38	4	9012	MAUI	8111	5	WS	3947

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	7	18	48	11.2730	1	8	10	59.804	41	1	54.88	4	9005	TOKYO	6800 1	BZ	4152
	11	7	22	40	33.7841	1	9	59	58.622	32	48	47.31	4	9008	SHIRAZ	9972 6	NG	4409
	11	8	0	41	34.5921	1	8	30	13.538	56	40	21.42	4	9008	SHIRAZ	9977 3	SC	4388
	11	8	0	42	14.5936	1	9	7	5.115	56	21	50.00	4	9008	SHIRAZ	9977 8	KA	4389
	11	8	1	51	19.1969	1	20	40	31.457	-12	39	0.09	4	9011	VILLA DOLO	7318 2	FI	6078
	11	8	1	51	35.1969	1	20	52	21.411	-11	46	25.17	4	9011	VILLA DOLO	7318 4	FI	5092
	11	8	10	28	42.2998	1	9	34	1.727	42	53	29.83	4	9001	ORGAN PASS	8109 3	BZ	3743
	11	8	10	29	14.2996	1	9	52	49.874	42	11	57.05	4	9001	ORGAN PASS	8109 7	BZ	3744
	11	8	12	27	45.3627	1	5	10	53.959	43	55	3.50	4	9001	ORGAN PASS	8119 4	BZ	4450
	11	8	12	28	25.3629	1	5	31	23.758	46	32	35.31	4	9001	ORGAN PASS	8119 9	BZ	4451
	11	8	19	32	42.9473	1	22	26	1.726	-17	50	46.01	4	9002	OLIFANTS	9921 7	SE	3755
	11	8	19	33	1.8111	1	22	44	46.727	-15	46	45.67	4	9002	OLIFANTS	9921 10	SE	4555
	11	9	8	0	42.7619	1	8	54	51.891	76	4	59.82	4	9009	CURACAO	6238 6	WS	5068
	11	9	9	59	30.7381	1	9	46	9.535	39	52	29.96	4	9001	ORGAN PASS	8126 3	BZ	4118
	11	9	10	0	10.7380	1	10	5	38.391	38	53	37.70	4	9001	ORGAN PASS	8126 8	BZ	4119
	11	9	12	1	31.1676	1	7	51	45.505	55	32	33.29	4	9001	ORGAN PASS	8133 3	BZ	4120
	11	9	12	1	47.1677	1	8	7	16.953	55	43	5.61	4	9001	ORGAN PASS	8133 7	BZ	4121
	11	9	13	56	3.6873	1	10	27	11.496	64	46	58.96	4	9012	MAUI	8140 5	WS	4626
	11	9	13	56	51.6817	1	10	58	33.295	62	17	55.51	4	9012	MAUI	8140 8	WS	4627
	11	9	17	50	47.7078	1	9	31	29.685	36	51	32.61	4	9005	TOKYO	6816 2	SC	4153
	11	9	17	51	19.7082	1	9	48	23.568	36	10	15.22	4	9005	TOKYO	6816 6	SC	4154
	11	10	1	45	10.0803	1	6	34	23.470	59	14	8.97	4	9008	SHIRAZ	9985 1	NG	4410
	11	10	1	46	6.0834	1	7	28	38.006	61	14	49.28	4	9008	SHIRAZ	9985 8	NG	4411
	11	10	7	30	23.9898	1	8	39	30.551	74	33	48.18	4	9009	CURACAO	6245 4	NG	6574
	11	10	7	30	52.8815	1	9	41	1.525	44	37	56.47	4	9010	JUPITER	7806 5	WS	8537
	11	10	7	30	55.9906	1	9	13	51.902	73	39	38.89	4	9009	CURACAO	6245 8	NG	5067
	11	10	7	31	16.8826	1	9	51	38.303	44	0	12.76	4	9010	JUPITER	7806 8	WS	8538
	11	10	9	30	25.1463	1	9	55	37.664	36	43	57.78	4	9001	ORGAN PASS	8146 3	PB	4122
	11	10	9	31	21.1459	1	10	17	54.851	35	20	4.29	4	9001	ORGAN PASS	8146 10	PB	4123
	11	10	9	34	50.3322	1	9	49	48.122	62	52	11.12	4	9010	JUPITER	7812 3	WS	8539
	11	10	9	34	58.3356	1	9	57	8.932	62	30	43.02	4	9010	JUPITER	7812 4	WS	8540
	11	10	9	35	17.4986	1	5	50	31.574	80	25	36.44	4	9009	CURACAO	6250 3	PB	5065
	11	10	10	40	48.0410	1	22	31	54.683	-27	9	17.00	4	9003	WOOMERA	11424 2	KA	3859
	11	10	10	40	56.0407	1	22	44	19.306	-25	55	21.08	4	9003	WOOMERA	11424 6	SS	3860
	11	10	13	26	47.7688	1	10	40	55.206	60	13	22.87	4	9012	MAUI	8155 3	WS	3949
	11	10	13	27	35.7660	1	11	4	19.808	57	43	48.81	4	9012	MAUI	8155 6	WS	3950
	11	10	15	28	56.5984	1	7	8	44.102	74	53	23.16	4	9012	MAUI	8159 3	TJ	3951
	11	10	15	29	28.5976	1	7	58	56.143	75	28	34.34	4	9012	MAUI	8159 7	TJ	3952
	11	11	7	1	55.2557	1	9	57	20.434	68	59	51.72	4	9009	CURACAO	6261 2	HB	4291
	11	11	7	2	19.2561	1	10	12	1.434	67	56	19.99	4	9009	CURACAO	6261 6	HB	4292
	11	11	9	5	14.3559	1	6	19	41.651	81	2	40.31	4	9009	CURACAO	6263 5	KA	4293
	11	11	9	5	22.3558	1	6	35	9.741	81	16	34.11	4	9009	CURACAO	6263 6	HB	4294
	11	11	11	4	5.0271	1	10	0	6.242	49	52	22.73	4	9001	ORGAN PASS	8170 3	PB	4124
	11	11	11	4	21.0275	1	10	10	43.352	49	3	59.49	4	9001	ORGAN PASS	8170 5	PB	4125
	11	11	12	12	51.6071	1	20	32	39.299	3	19	2.45	4	9003	WOOMERA	11446 8	LE	3861

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	11	12	12	59.6073	1	20	37	26.264	3	59	11.06	4	9003	WOOMERA	11446	10	SE	3862
	11	11	12	57	33.6612	1	10	46	38.612	55	35	41.16	4	9012	MAUI	8170	4	LE	3953
	11	11	12	58	37.6551	1	11	10	15.670	52	27	26.16	4	9012	MAUI	8170	8	LE	3954
	11	11	14	59	47.6877	1	8	51	11.556	74	46	3.63	4	9012	MAUI	8176	4	LE	3955
	11	11	15	0	35.6821	1	9	57	51.634	73	9	48.48	4	9012	MAUI	8176	7	LE	3956
	11	11	16	54	1.7020	1	10	22	36.471	29	16	23.00	4	9005	TOKYO	6835	7	BZ	3850
	11	11	18	55	18.1781	1	9	35	31.700	44	15	14.04	4	9005	TOKYO	6840	2	KA	4155
	11	11	18	55	38.1783	1	9	49	6.873	43	22	42.65	4	9005	TOKYO	6840	7	KA	4156
	11	11	20	45	33.5571	1	9	27	56.205	43	54	35.62	4	9006	NAIN TAL	5299	4	PB	3779
	11	11	20	45	57.5608	1	9	38	53.116	43	11	56.54	4	9006	NAIN TAL	5299	7	PB	3780
	11	11	22	50	3.4657	1	9	53	3.681	57	47	25.27	4	9006	NAIN TAL	5306	4	NG	4377
	11	11	22	50	43.4679	1	10	23	9.854	55	33	45.95	4	9006	NAIN TAL	5306	9	NG	4378
	11	11	23	56	11.0425	1	22	45	58.411	- 8	0	35.28	4	9011	VILLA DOLO	7371	4	FI	6079
	11	11	23	56	23.0426	1	23	1	22.845	- 6	9	40.19	4	9011	VILLA DOLO	7371	10	FI	5093
	11	12	1	58	3.8720	1	21	10	7.468	14	47	43.84	4	9011	VILLA DOLO	7379	3	FI	5094
	11	12	1	58	19.8720	1	21	18	42.196	16	10	38.06	4	9011	VILLA DOLO	7379	7	FI	6575
	11	12	8	35	10.9132	1	6	59	27.694	81	15	44.92	4	9009	CURACAO	6274	2	NG	4295
	11	12	8	35	34.9134	1	7	49	55.257	81	21	8.89	4	9009	CURACAO	6274	5	NG	4850
	11	12	8	36	14.6046	1	10	35	51.022	54	11	58.90	4	9010	JUPITER	7844	2	SY	8541
	11	12	8	36	30.6047	1	10	44	2.604	53	15	58.75	4	9010	JUPITER	7844	4	SY	8542
	11	12	10	34	18.0502	1	10	1	18.477	47	30	24.94	4	9001	ORGAN PASS	8185	3	LE	4126
	11	12	10	34	30.0500	1	10	8	14.364	46	53	47.37	4	9001	ORGAN PASS	8185	6	LE	4127
	11	12	10	37	27.6554	1	6	48	58.049	62	53	45.70	4	9010	JUPITER	7852	2	KA	8543
	11	12	10	37	51.6586	1	7	13	10.021	63	30	4.01	4	9010	JUPITER	7852	5	KA	8544
	11	12	11	44	51.5161	1	21	15	21.432	11	10	4.83	4	9003	WOOMERA	11460	5	NG	3863
	11	12	11	44	59.5158	1	21	21	19.429	12	1	9.65	4	9003	WOOMERA	11460	7	NG	4557
	11	12	12	32	18.2019	1	4	57	5.163	43	4	34.59	4	9001	ORGAN PASS	8195	3	KA	4128
	11	12	12	32	34.2018	1	5	4	29.082	43	49	2.85	4	9001	ORGAN PASS	8195	7	SS	4129
	11	12	18	27	2.5559	1	10	29	29.354	37	56	33.91	4	9005	TOKYO	6862	4	KA	4157
	11	12	18	27	18.5572	1	10	37	8.949	37	4	50.31	4	9005	TOKYO	6862	8	KA	4158
	11	12	22	14	52.0868	1	9	47	18.543	40	51	6.24	4	9008	SHIRAZ	10032	5	NG	4412
	11	12	22	15	16.0873	1	9	56	14.918	40	4	34.33	4	9008	SHIRAZ	10032	8	PB	4413
	11	12	22	20	13.0790	1	9	58	18.770	55	24	18.93	4	9006	NAIN TAL	5317	4	NG	4375
	11	12	22	21	9.0823	1	10	33	10.411	52	5	20.62	4	9006	NAIN TAL	5317	11	NG	4376
	11	13	0	18	21.0399	1	9	52	30.683	55	52	21.72	4	9008	SHIRAZ	10037	3	CB	4381
	11	13	0	18	45.0407	1	10	9	15.350	54	30	12.58	4	9008	SHIRAZ	10037	6	CB	4382
	11	13	8	6	37.1608	1	10	35	45.071	50	40	41.05	4	9010	JUPITER	7854	2	KA	8545
	11	13	8	6	53.1609	1	10	42	29.570	49	47	7.54	4	9010	JUPITER	7854	4	KA	8546
	11	13	10	9	6.6789	1	8	48	43.311	63	36	12.29	4	9010	JUPITER	7860	2	NG	8547
	11	13	10	9	22.6826	1	9	5	33.745	63	5	19.62	4	9010	JUPITER	7860	4	NG	8548
	11	13	11	15	10.4121	1	20	53	48.528	9	25	38.30	4	9003	WOOMERA	11472	1	NG	3865
	11	13	11	15	30.4119	1	21	10	40.698	11	45	44.80	4	9003	WOOMERA	11472	6	SE	3866
	11	13	14	1	21.3139	1	10	47	38.718	66	19	22.96	4	9012	MAUI	8186	4	SS	3957
	11	13	14	3	16.7526	1	11	45	20.681	58	22	57.92	4	9012	MAUI	8186	10	SS	3958
	11	13	21	51	9.6747	1	10	26	12.799	49	58	27.03	4	9006	NAIN TAL	5334	5	LE	4370

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	13	21	52	21.6785	1	10	57	54.482	45	35	1.91	4	9006	NAIN TAL	5334	14	LE	4371
	11	13	23	53	54.0368	1	8	31	45.088	56	9	6.88	4	9006	NAIN TAL	5343	4	TJ	4464
	11	13	23	54	34.0384	1	9	8	19.898	54	50	18.28	4	9006	NAIN TAL	5343	9	SC	4465
	11	14	0	59	7.5866	1	20	40	4.524	15	20	14.15	4	9011	VILLA DOLO	7390	2	FI	5096
	11	14	0	59	31.5883	1	20	56	12.302	17	48	58.30	4	9011	VILLA DOLO	7390	5	FI	5097
	11	14	7	37	10.1109	1	10	43	1.817	73	49	32.97	4	9009	CURACAO	6288	3	NG	4297
	11	14	7	37	15.7960	1	10	38	16.694	46	23	4.06	4	9010	JUPITER	7863	4	NG	8549
	11	14	7	37	26.1110	1	10	53	17.387	72	53	7.64	4	9009	CURACAO	6288	5	NG	4298
	11	14	13	32	4.4068	1	11	5	15.974	60	54	39.01	4	9012	MAUI	8203	3	SS	3959
	11	14	13	32	52.4003	1	11	24	29.472	57	41	35.55	4	9012	MAUI	8203	6	SS	3960
	11	14	15	35	40.9016	1	9	19	39.411	68	40	15.92	4	9012	MAUI	8206	4	SS	3961
	11	14	15	36	28.8945	1	10	10	13.741	66	24	58.50	4	9012	MAUI	8206	7	SS	3962
	11	14	21	22	17.5678	1	10	45	5.113	43	51	10.70	4	9006	NAIN TAL	5353	3	NG	4374
	11	14	21	23	21.1722	1	11	5	47.279	40	15	46.34	4	9006	NAIN TAL	5353	10	NG	4846
	11	14	23	24	46.3179	1	9	28	49.132	53	50	4.92	4	9006	NAIN TAL	5362	4	HB	4372
	11	14	23	25	40.7201	1	10	9	32.600	50	26	32.14	4	9006	NAIN TAL	5362	10	HB	4373
	11	15	0	30	41.4709	1	21	15	18.378	22	35	28.10	4	9011	VILLA DOLO	7407	3	SC	5081
	11	15	0	31	13.3251	1	21	40	31.795	25	57	21.76	4	9011	VILLA DOLO	7407	9	KA	5082
	11	15	3	15	28.1026	1	10	6	43.972	33	56	39.59	4	9004	SAN FERNAN	6844	4	SC	5360
	11	15	13	2	39.1677	1	11	8	44.521	56	2	42.05	4	9012	MAUI	8215	3	BZ	3963
	11	15	13	3	19.1668	1	11	21	3.754	53	30	32.65	4	9012	MAUI	8215	8	BZ	3964
	11	15	20	52	8.8107	1	10	30	57.596	42	15	37.65	4	9006	NAIN TAL	5376	3	LE	6571
	11	15	20	52	32.8114	1	10	38	30.108	40	59	10.53	4	9006	NAIN TAL	5376	6	LE	4369
	11	16	0	1	12.9601	1	21	11	32.219	23	28	11.22	4	9011	VILLA DOLO	7412	3	WS	4498
	11	16	0	1	28.9600	1	21	25	47.218	25	16	37.77	4	9011	VILLA DOLO	7412	7	WS	4499
	11	16	2	46	25.4045	1	10	18	16.332	29	52	50.73	4	9004	SAN FERNAN	6863	2	SC	4980
	11	16	8	41	28.9369	1	9	29	12.134	77	41	50.22	4	9009	CURACAO	6304	2	CB	4299
	11	16	8	41	57.5949	1	11	0	35.652	47	38	32.47	4	9010	JUPITER	7868	4	NG	8550
	11	16	8	42	0.9370	1	10	7	22.204	76	11	1.29	4	9009	CURACAO	6304	6	CB	4300
	11	16	8	42	21.5954	1	11	9	29.842	45	54	36.35	4	9010	JUPITER	7868	7	LE	8551
	11	16	14	36	17.0964	1	10	30	15.183	63	36	16.66	4	9012	MAUI	8228	3	BZ	3965
	11	16	14	37	5.0915	1	11	0	5.181	60	3	0.06	4	9012	MAUI	8228	6	BZ	3966
	11	17	0	23	21.7087	3	9	55	48.267	48	29	4.94	4	9008	SHIRAZ	10099	1	BZ	4414
	11	17	0	23	29.7091	3	10	0	30.197	47	54	54.77	4	9008	SHIRAZ	10099	2	BZ	4415
	11	17	4	19	35.3040	1	9	58	14.100	29	19	47.60	4	9004	SAN FERNAN	6883	3	TJ	4978
	11	17	4	20	7.5723	1	10	12	49.208	27	16	59.14	4	9004	SAN FERNAN	6883	7	TJ	4979
	11	17	14	7	11.6890	1	11	6	47.000	56	49	19.09	4	9012	MAUI	8240	3	BZ	3967
	11	17	14	7	51.6872	1	11	22	53.413	53	41	36.49	4	9012	MAUI	8240	8	BZ	3968
	11	17	21	55	41.3723	1	10	20	26.920	44	52	55.97	4	9006	NAIN TAL	5405	3	BK	4368
	11	18	1	54	40.0160	3	6	57	20.987	39	29	33.31	4	9008	SHIRAZ	10123	3	BZ	5005
	11	18	1	55	12.0178	3	7	17	8.923	38	50	14.57	4	9008	SHIRAZ	10123	7	BZ	5006
	11	18	3	49	4.4510	1	9	45	0.724	30	12	58.39	4	9004	SAN FERNAN	6902	1	FI	4841
	11	18	3	49	20.4507	1	9	52	4.333	29	14	9.34	4	9004	SAN FERNAN	6902	3	FI	4259
	11	18	5	52	10.5044	1	8	29	33.426	16	48	59.67	4	9004	SAN FERNAN	6911	1	FI	4260
	11	18	5	52	34.5053	1	8	42	0.246	15	26	29.70	4	9004	SAN FERNAN	6911	4	FI	4842

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	18	7	42	13.4836	1	10	52	33.074	70	9	49.07	4	9009	CURACAO	6317	2	CB	4301
	11	18	7	42	45.4839	1	11	7	13.485	68	0	41.83	4	9009	CURACAO	6317	6	CB	4302
	11	18	17	31	41.7155	1	10	13	49.324	27	55	32.58	4	9005	TOKYO	6870	3	BZ	4159
	11	18	17	32	21.7159	1	10	26	52.827	25	37	8.66	4	9005	TOKYO	6870	8	BZ	4160
	11	18	23	23	48.0068	3	10	15	58.905	42	8	43.46	4	9008	SHIRAZ	10129	2	NG	4276
	11	18	23	24	28.0088	3	10	30	50.908	39	17	37.75	4	9008	SHIRAZ	10129	7	NG	4277
	11	19	0	39	8.2906	1	22	36	6.109	-54	27	40.37	4	9009	CURACAO	6322	2	LE	4303
	11	19	0	39	40.2909	1	23	6	25.187	-52	17	56.65	4	9009	CURACAO	6322	6	LE	4304
	11	19	1	27	56.7241	3	9	13	11.487	31	54	10.28	4	9008	SHIRAZ	10137	2	NG	4278
	11	19	1	28	12.7248	3	9	22	23.346	30	45	31.28	4	9008	SHIRAZ	10137	4	NG	4279
	11	19	5	22	40.4440	1	8	51	18.718	15	49	18.86	4	9004	SAN FERNAN	6928	2	FI	4262
	11	19	5	22	56.4440	1	8	59	17.126	14	50	7.43	4	9004	SAN FERNAN	6928	4	FI	4843
	11	19	9	18	56.1563	1	10	38	37.972	61	11	42.91	4	9009	CURACAO	6327	2	LE	4305
	11	19	9	19	12.1564	1	10	48	3.694	60	3	45.35	4	9009	CURACAO	6327	4	LE	4306
	11	19	17	2	0.8226	1	10	14	55.999	25	23	17.95	4	9005	TOKYO	6886	5	LE	4161
	11	19	17	2	40.8236	1	10	26	2.758	23	16	20.34	4	9005	TOKYO	6886	10	LE	4162
	11	19	22	56	43.5630	3	11	2	23.721	28	26	34.40	4	9008	SHIRAZ	10147	3	SE	4994
	11	19	22	57	23.5627	3	11	10	57.073	26	8	45.30	4	9008	SHIRAZ	10147	8	SE	4995
	11	19	22	59	49.6670	1	9	36	5.042	33	59	39.00	4	9006	NAIN TAL	5431	4	BK	4366
	11	19	23	0	18.3899	1	9	50	44.502	31	45	56.29	4	9006	NAIN TAL	5431	7	BK	4367
	11	20	0	57	33.7308	3	9	13	14.217	33	17	2.56	4	9008	SHIRAZ	10154	3	BZ	5003
	11	20	0	58	13.7331	3	9	34	47.731	30	17	56.36	4	9008	SHIRAZ	10154	8	BZ	5004
	11	20	2	49	46.4895	1	9	58	45.810	24	59	20.72	4	9004	SAN FERNAN	6942	1	FI	4264
	11	20	4	53	6.8835	1	9	11	10.399	14	26	47.94	4	9004	SAN FERNAN	6947	2	FI	4265
	11	20	4	53	30.8834	1	9	22	5.401	12	55	12.27	4	9004	SAN FERNAN	6947	5	FI	4844
	11	20	6	5	2.8375	1	0	47	52.767	-50	48	18.35	4	9012	MAUI	8250	4	PB	3969
	11	20	6	5	18.8372	1	0	58	52.397	-49	12	29.04	4	9012	MAUI	8250	6	PB	3970
	11	20	10	43	58.5997	1	9	58	24.693	27	4	50.64	4	9001	ORGAN PASS	8251	3	SS	4130
	11	20	10	44	30.5996	1	10	11	5.552	24	46	18.69	4	9001	ORGAN PASS	8251	7	SS	4131
	11	21	0	28	41.6800	3	9	57	56.838	27	5	28.80	4	9008	SHIRAZ	10164	1	NG	4280
	11	21	0	29	13.6814	3	10	11	18.677	24	35	11.56	4	9008	SHIRAZ	10164	5	NG	4281
	11	21	4	23	39.4690	1	9	31	32.363	12	14	56.70	4	9004	SAN FERNAN	6952	2	FI	4267
	11	21	4	23	51.4689	1	9	36	21.610	11	30	0.84	4	9004	SAN FERNAN	6952	5	FI	4268
	11	21	10	14	32.0984	1	10	13	37.852	23	17	16.89	4	9001	ORGAN PASS	8265	4	SS	4134
	11	21	10	14	56.0992	1	10	21	21.901	21	40	13.90	4	9001	ORGAN PASS	8265	10	SS	4135
	11	21	12	16	12.8477	1	8	8	17.746	11	58	24.11	4	9001	ORGAN PASS	8273	3	SC	3832
	11	21	12	16	44.8475	1	8	23	20.244	9	54	14.68	4	9001	ORGAN PASS	8273	7	SC	3833
	11	21	14	12	25.8881	1	10	47	45.413	39	29	7.54	4	9012	MAUI	8263	3	PB	3971
	11	21	14	12	57.8868	1	10	58	58.580	36	45	44.31	4	9012	MAUI	8263	7	PB	3972
	11	21	23	12	43.9412	1	1	53	21.558	-39	9	40.68	4	9009	CURACAO	6337	2	KA	4851
	11	21	23	13	23.9401	1	2	13	23.404	-32	27	54.04	4	9009	CURACAO	6337	7	KA	4307
	11	21	23	59	13.9121	3	10	16	30.074	23	10	46.33	4	9008	SHIRAZ	10181	2	WS	4282
	11	21	23	59	45.9127	3	10	27	16.224	20	49	7.59	4	9008	SHIRAZ	10181	6	WS	4283
	11	22	1	59	21.0038	3	7	16	13.055	14	30	53.58	4	9008	SHIRAZ	10189	2	TJ	4284
	11	22	2	0	25.0110	3	7	44	30.849	10	45	52.22	4	9008	SHIRAZ	10189	10	TJ	4285

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	22	9	44	52.8808	1	10	19	28.094	20	24	44.11	4	9001	ORGAN PASS	8281 1	SC	3834
	11	22	9	45	8.8807	1	10	23	47.317	19	25	24.37	4	9001	ORGAN PASS	8281 3	KA	3835
	11	22	13	42	46.4014	1	10	57	52.978	35	2	12.28	4	9012	MAUI	8271 4	KA	3973
	11	22	13	43	34.3958	1	11	10	54.578	31	13	21.26	4	9012	MAUI	8271 7	KA	3974
	11	22	15	43	10.8464	1	7	30	29.031	30	47	50.07	4	9012	MAUI	8278 7	KA	3975
	11	22	15	44	14.8417	1	8	3	28.195	27	6	38.84	4	9012	MAUI	8278 11	KA	3976
	11	23	9	15	10.7531	1	10	21	3.087	17	48	35.93	4	9001	ORGAN PASS	8298 3	KA	3836
	11	23	9	15	18.7530	1	10	22	53.050	17	21	38.40	4	9001	ORGAN PASS	8298 4	KA	3837
	11	23	9	18	16.2636	1	8	54	29.853	26	58	32.53	4	9010	JUPITER	7925 4	LE	8552
	11	23	9	18	24.2639	1	8	58	26.468	26	21	5.78	4	9010	JUPITER	7925 5	LE	8553
	11	23	11	17	26.0171	1	9	3	43.500	7	4	24.44	4	9001	ORGAN PASS	8303 3	LE	4452
	11	23	11	17	58.0168	1	9	16	46.888	4	53	58.17	4	9001	ORGAN PASS	8303 7	LE	4453
	11	23	17	5	38.1738	1	9	53	54.814	12	35	51.39	4	9005	TOKYO	6898 2	TJ	4163
	11	23	17	6	10.1737	1	10	2	24.461	10	53	10.80	4	9005	TOKYO	6898 4	TJ	4164
	11	23	19	7	48.4090	1	8	28	29.548	- 0	46	25.97	4	9005	TOKYO	6903 5	TJ	4165
	11	23	19	8	12.4245	1	8	38	6.242	- 2	13	0.59	4	9005	TOKYO	6903 11	BZ	4166
	11	24	0	14	21.9646	1	21	9	53.334	-17	49	29.54	4	9009	CURACAO	6355 3	KA	4308
	11	24	0	14	45.9647	1	21	29	2.866	-14	9	36.69	4	9009	CURACAO	6355 6	KA	4852
	11	24	6	48	53.6208	1	11	5	32.689	45	15	41.63	4	9009	CURACAO	6360 2	CB	4309
	11	24	6	49	9.6211	1	11	8	31.091	44	8	29.84	4	9009	CURACAO	6360 4	CB	4310
	11	24	8	53	26.4101	1	10	1	38.879	38	18	46.64	4	9009	CURACAO	6363 3	TJ	4468
	11	24	8	53	42.4101	1	10	8	47.011	36	56	10.86	4	9009	CURACAO	6363 5	TJ	4469
	11	24	14	46	28.1256	1	9	45	1.971	15	50	54.48	4	9012	MAUI	8280 3	WS	3977
	11	24	14	47	8.1228	1	10	1	23.620	12	22	38.15	4	9012	MAUI	8280 8	WS	3978
	11	24	15	56	59.7622	3	23	29	52.934	-42	10	40.91	4	9008	SHIRAZ	10198 3	KA	4392
	11	24	15	57	15.7618	3	23	41	18.363	-40	55	41.62	4	9008	SHIRAZ	10198 5	KA	4393
	11	25	0	32	21.4089	3	9	12	4.834	2	21	17.12	4	9008	SHIRAZ	10205 2	KA	4286
	11	25	0	32	53.4100	3	9	24	16.890	0	9	0.18	4	9008	SHIRAZ	10205 6	KA	4287
	11	25	4	27	41.3318	1	9	4	42.881	-10	33	55.57	4	9004	SAN FERNAN	6980 2	FI	4269
	11	25	4	27	57.3324	1	9	10	8.736	-11	23	22.47	4	9004	SAN FERNAN	6980 4	FI	4270
	11	25	5	40	13.1500	1	23	54	26.026	-24	2	0.92	4	9012	MAUI	8290 4	WS	3979
	11	25	5	40	45.1519	1	0	24	59.887	-18	23	27.63	4	9012	MAUI	8290 8	WS	3980
	11	25	6	18	28.5126	1	10	55	57.377	43	29	48.78	4	9009	CURACAO	6377 4	PB	4470
	11	25	6	18	52.5132	1	10	59	47.059	41	53	54.68	4	9009	CURACAO	6377 7	PB	4471
	11	25	8	23	45.6310	1	10	25	50.245	33	54	38.45	4	9009	CURACAO	6381 4	PB	4472
	11	25	8	24	25.6320	1	10	39	55.934	30	23	40.06	4	9009	CURACAO	6381 9	PB	4473
	11	25	10	18	50.8259	1	9	50	47.076	0	33	41.56	4	9001	ORGAN PASS	8312 2	LE	4454
	11	25	10	19	6.8259	1	9	55	30.634	- 0	20	53.32	4	9001	ORGAN PASS	8312 4	LE	4455
	11	25	12	19	17.5310	1	7	31	11.413	- 9	45	32.11	4	9001	ORGAN PASS	8319 3	TJ	4456
	11	25	12	19	41.5308	1	7	39	32.426	-11	13	14.04	4	9001	ORGAN PASS	8319 9	TJ	4840
	11	26	0	2	40.7886	3	9	30	27.328	0	22	19.79	4	9008	SHIRAZ	10219 2	KA	4288
	11	26	2	1	14.8565	3	6	31	13.639	- 3	11	35.80	4	9008	SHIRAZ	10225 1	KA	4289
	11	26	2	1	54.8566	3	6	43	30.748	- 5	26	47.26	4	9008	SHIRAZ	10225 6	KA	4290
	11	26	9	48	48.4567	1	9	54	2.382	0	3	26.36	4	9001	ORGAN PASS	8325 4	KA	4457
	11	26	9	49	20.4565	1	10	2	17.579	- 1	36	32.20	4	9001	ORGAN PASS	8325 8	KA	4458

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	26	11	49	50.0979	1	7	51	5.253	-12	40	59.60	4	9001	ORGAN PASS	8330 4	WS	4459
	11	26	11	50	14.0976	1	7	59	38.741	-14	7	45.06	4	9001	ORGAN PASS	8330 7	WS	4460
	11	26	15	0	6.1654	3	1	44	23.942	-26	18	18.37	4	9008	SHIRAZ	10227 3	BZ	5001
	11	26	15	1	2.1690	3	2	15	20.072	-19	13	12.41	4	9008	SHIRAZ	10227 10	BZ	5002
	11	27	0	47	59.3854	1	19	46	54.988	23	21	48.90	4	9009	CURACAO	6394 4	SE	4474
	11	27	0	48	31.3864	1	19	57	33.905	28	33	59.27	4	9009	CURACAO	6394 8	SE	4475
	11	27	2	46	3.8447	1	22	24	31.249	-30	17	25.30	4	9001	ORGAN PASS	8339 3	WS	4461
	11	27	2	46	27.8440	1	22	40	48.339	-28	33	2.09	4	9001	ORGAN PASS	8339 6	WS	4462
	11	27	4	42	26.8050	1	2	7	48.428	- 7	6	34.55	4	9012	MAUI	8293 3	BZ	4490
	11	27	4	42	58.7413	1	2	27	6.892	- 2	13	15.10	4	9012	MAUI	8293 7	KA	4491
	11	27	7	24	41.4515	1	10	56	10.065	23	9	39.54	4	9009	CURACAO	6396 4	SE	4476
	11	27	7	25	21.4515	1	11	5	4.736	20	9	25.91	4	9009	CURACAO	6396 9	SE	4477
	11	27	9	27	46.3527	1	8	54	7.318	2	41	51.25	4	9009	CURACAO	6402 3	SS	4478
	11	27	9	28	26.3548	1	9	11	8.225	- 0	56	2.79	4	9009	CURACAO	6402 6	SS	4479
	11	27	11	20	9.4660	1	8	8	50.826	-14	48	30.80	4	9001	ORGAN PASS	8346 5	SC	4466
	11	27	11	20	41.4657	1	8	20	9.697	-16	38	23.77	4	9001	ORGAN PASS	8346 9	SC	4467
	11	27	13	18	0.7258	1	10	41	46.733	4	26	44.63	4	9012	MAUI	8301 3	KA	4494
	11	27	13	18	32.7225	1	10	49	12.445	2	25	59.47	4	9012	MAUI	8301 5	KA	4495
	11	27	14	30	19.6210	1	1	50	17.658	-25	47	4.73	4	9008	SHIRAZ	10235 3	CB	4383
	11	27	14	30	51.6214	1	2	6	32.287	-21	48	20.61	4	9008	SHIRAZ	10235 7	CB	7910
	11	27	15	18	37.0725	1	8	0	8.595	- 8	47	20.65	4	9012	MAUI	8307 3	WS	4496
	11	27	15	19	17.0703	1	8	15	26.113	-11	52	56.54	4	9012	MAUI	8307 8	WS	4497
	11	27	21	3	19.2630	1	9	31	12.591	5	46	47.13	4	9006	NAIN TAL	5539 3	CB	4364
	11	27	21	4	39.2655	1	9	52	24.285	1	3	43.46	4	9006	NAIN TAL	5539 13	CB	4365
	11	27	23	3	52.2442	1	10	3	34.886	- 5	0	41.95	4	9008	SHIRAZ	10244 3	SC	4386
	11	27	23	4	32.2446	1	10	13	0.804	- 6	57	41.70	4	9008	SHIRAZ	10244 8	SC	4387
	11	28	0	19	15.5804	1	20	6	7.089	37	59	59.92	4	9009	CURACAO	6409 3	SS	4480
	11	28	2	16	38.3219	1	22	53	36.016	-31	30	0.77	4	9001	ORGAN PASS	8352 3	TJ	4463
	11	28	4	58	6.1102	1	7	26	1.488	-20	25	8.44	4	9004	SAN FERNAN	6998 3	FI	4845
	11	28	4	58	22.1099	1	7	31	2.059	-21	14	2.78	4	9004	SAN FERNAN	6998 5	FI	4271
	11	28	6	53	19.0870	1	10	39	29.063	26	20	56.20	4	9009	CURACAO	6413 6	SS	4481
	11	28	6	54	15.0890	1	10	51	1.187	22	13	39.82	4	9009	CURACAO	6413 13	SS	4482
	11	28	6	55	11.0893	1	11	1	48.802	18	19	33.43	4	9009	CURACAO	6413 20	BZ	4483
	11	28	8	57	42.9999	1	9	14	40.144	1	44	12.72	4	9009	CURACAO	6417 5	SE	4484
	11	28	8	58	7.0000	1	9	24	31.378	- 0	24	5.11	4	9009	CURACAO	6417 8	SE	4485
	11	28	10	53	18.2382	1	9	22	12.393	-24	57	15.81	4	9001	ORGAN PASS	8361 3	KA	3838
	11	28	10	54	6.2440	1	9	36	32.757	-26	57	21.92	4	9001	ORGAN PASS	8361 9	KA	3839
	11	28	12	46	53.9393	1	10	28	17.307	7	16	12.43	4	9012	MAUI	8311 3	WS	4500
	11	28	12	47	49.9727	1	10	40	12.583	3	49	46.12	4	9012	MAUI	8311 10	WS	4501
	11	28	15	59	44.3303	1	21	25	32.468	-20	54	50.00	4	9008	SHIRAZ	10254 3	KA	4390
	11	28	16	0	16.3302	1	21	47	1.551	-17	56	45.90	4	9008	SHIRAZ	10254 7	KA	4391
	11	28	22	31	38.2247	1	9	34	3.558	1	13	55.76	4	9008	SHIRAZ	10259 3	WS	4384
	11	28	22	32	10.2257	1	9	41	54.460	- 0	30	19.96	4	9008	SHIRAZ	10259 6	WS	4385
	11	28	22	37	9.7567	1	8	26	54.552	-18	57	39.28	4	9006	NAIN TAL	5557 3	TJ	4379
	11	28	22	37	49.7580	1	8	40	41.647	-21	10	51.19	4	9006	NAIN TAL	5557 8	TJ	4380

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	28	23	48	49.5240	1	19	47	26.479	34	6	53.84	4	9009	CURACAO	6423	3	KA	4492
	11	28	23	49	21.5252	1	20	7	35.888	41	31	42.19	4	9009	CURACAO	6423	7	KA	4493
	11	29	0	35	46.1996	1	8	28	51.330	-23	3	26.21	4	9008	SHIRAZ	10264	2	HB	4998
	11	29	0	36	18.2010	1	8	39	40.329	-24	45	40.15	4	9008	SHIRAZ	10264	6	HB	4999
	11	29	1	47	51.3535	1	0	4	13.162	-26	56	30.07	4	9001	ORGAN PASS	8367	3	TJ	3840
	11	29	1	48	7.3533	1	0	18	2.201	-24	54	38.55	4	9001	ORGAN PASS	8367	7	TJ	3841
	11	29	6	24	25.3750	1	10	50	41.657	18	46	57.82	4	9009	CURACAO	6428	3	SS	6571
	11	29	6	24	57.3749	1	10	55	59.590	16	45	23.61	4	9009	CURACAO	6428	7	SS	6572
	11	29	8	27	56.8350	1	9	40	54.293	- 0	55	40.73	4	9009	CURACAO	6432	3	KA	5007
	11	29	8	28	12.8348	1	9	46	53.288	- 2	15	50.78	4	9009	CURACAO	6432	5	KA	5008
	11	29	9	38	42.0770	1	23	28	20.985	-28	32	53.34	4	9005	TOKYO	6935	4	WS	4167
	11	29	9	38	54.0766	1	23	38	6.913	-27	23	29.44	4	9005	TOKYO	6935	7	WS	4168
	11	29	10	21	44.7885	1	9	3	15.024	-21	2	36.70	4	9001	ORGAN PASS	8374	3	LE	3842
	11	29	10	22	32.7951	1	9	17	29.367	-23	6	26.75	4	9001	ORGAN PASS	8374	9	LE	3843
	11	29	12	20	4.1793	1	6	29	4.396	-19	46	44.30	4	9001	ORGAN PASS	8379	3	KA	3844
	11	29	12	20	36.1720	1	6	37	16.385	-21	27	5.02	4	9001	ORGAN PASS	8379	7	KA	3845
	11	29	18	11	36.4981	1	8	23	48.552	-24	39	24.28	4	9005	TOKYO	6941	3	WS	4169
	11	29	18	11	52.4983	1	8	28	44.169	-25	20	15.66	4	9005	TOKYO	6941	5	WS	4170
	11	29	19	26	29.8185	1	22	54	54.371	-28	52	35.25	4	9004	SAN FERNAN	7007	3	FI	4272
	11	29	19	26	53.8164	1	23	13	50.985	-26	51	13.45	4	9004	SAN FERNAN	7007	6	FI	4273
	11	29	23	19	23.3688	1	20	17	26.243	44	44	30.56	4	9009	CURACAO	6436	3	NG	4853
	11	29	23	19	55.3734	1	20	52	53.019	52	42	39.14	4	9009	CURACAO	6436	7	NG	4854
	11	30	3	59	17.4172	1	8	5	45.346	-26	12	31.49	4	9004	SAN FERNAN	7014	2	FI	4274
	11	30	3	59	49.4168	1	8	15	32.146	-27	33	11.95	4	9004	SAN FERNAN	7014	6	FI	4275
	11	30	7	57	57.0843	1	9	58	22.948	- 2	24	48.53	4	9009	CURACAO	6442	5	NG	4488
	11	30	7	58	53.0850	1	10	16	33.161	- 6	34	25.06	4	9009	CURACAO	6442	12	NG	4489
	11	30	13	52	20.0216	1	10	8	51.959	-25	20	34.54	4	9012	MAUI	8324	3	TJ	4502
	11	30	13	53	24.0396	1	10	27	53.875	-28	8	32.46	4	9012	MAUI	8324	7	TJ	4503
	11	30	15	1	32.6085	1	23	23	26.034	-16	28	12.60	4	9008	SHIRAZ	10281	3	SE	4996
	11	30	15	2	20.6125	1	0	16	38.104	- 8	11	7.19	4	9008	SHIRAZ	10281	9	SE	4997
	11	30	17	41	56.6545	1	8	39	27.938	-26	2	7.23	4	9005	TOKYO	6948	3	WS	4171
	11	30	17	42	44.6397	1	8	53	7.672	-27	47	55.14	4	9005	TOKYO	6948	9	WS	4172
	11	30	23	36	15.3808	1	9	3	50.138	-25	42	47.58	4	9008	SHIRAZ	10291	3	LE	5362
	11	30	23	37	11.3738	1	9	20	20.646	-27	59	13.27	4	9008	SHIRAZ	10291	10	LE	5000
	12	1	7	29	56.3011	1	10	50	27.499	34	2	19.13	4	9007	AREQUIPA	7751	7	BN	6305
	12	1	9	25	37.9278	1	7	46	14.103	-29	39	30.12	4	9010	JUPITER	7957	5	LD	8105
	12	1	9	25	45.9288	1	7	48	52.085	-30	5	44.29	4	9010	JUPITER	7957	6	LD	8106
	12	1	12	37	15.5410	1	3	1	26.557	9	24	19.68	4	9006	NAIN TAL	5594	13	GL	6216
	12	1	12	37	23.5397	1	3	5	54.078	10	2	16.68	4	9006	NAIN TAL	5594	14	GL	6217
	12	1	14	35	0.6526	1	20	27	37.900	12	16	31.73	4	9006	NAIN TAL	5599	5	VD	6234
	12	1	14	35	4.6525	1	20	29	31.092	12	52	20.39	4	9006	NAIN TAL	5599	6	VD	6235
	12	1	18	28	26.9440	1	0	52	27.696	-20	25	27.54	4	9004	SAN FERNAN	7025	2	DU	6963
	12	1	18	28	34.9436	1	0	58	54.600	-19	24	2.14	4	9004	SAN FERNAN	7025	3	DU	6964
	12	1	19	10	24.1864	1	6	25	21.482	-26	31	16.36	4	9005	TOKYO	6958	4	GL	7817
	12	1	19	10	40.1869	1	6	29	31.645	-27	16	52.88	4	9005	TOKYO	6958	5	GL	6966

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	2	0	21	44.9248	1	21	28	34.978	21	20	30.23	4	9010	JUPITER	7963	6	BA	8107
	12	2	0	21	46.9246	1	21	30	45.022	21	49	34.23	4	9010	JUPITER	7963	7	BA	8108
	12	2	1	5	35.9668	1	6	43	15.536	-29	28	55.53	4	9008	SHIRAZ	10302	3	DU	6319
	12	2	1	5	43.9668	1	6	45	24.941	-29	54	29.27	4	9008	SHIRAZ	10302	4	DU	6320
	12	2	6	16	37.3815	1	19	40	44.929	51	5	31.36	4	9012	MAUI	8338	3	RO	6447
	12	2	6	17	9.3770	1	19	54	59.023	57	26	20.41	4	9012	MAUI	8338	7	RO	6448
	12	2	9	0	28.1859	1	8	5	37.343	-29	16	27.70	4	9009	CURACAO	6460	4	LT	6121
	12	2	9	1	8.1870	1	8	20	43.745	-32	10	1.33	4	9009	CURACAO	6460	9	LT	6122
	12	2	14	5	18.8448	1	20	35	28.812	15	7	15.23	4	9006	NAIN TAL	5610	3	VO	7048
	12	2	14	6	1.7621	1	21	7	31.302	23	46	12.91	4	9006	NAIN TAL	5610	9	VO	6237
	12	2	16	2	36.8052	1	20	6	55.524	10	7	39.23	4	9008	SHIRAZ	10307	4	DU	6321
	12	2	18	40	57.0309	1	6	39	18.364	-30	19	59.41	4	9005	TOKYO	6970	2	YK	5912
	12	2	18	41	13.0305	1	6	43	42.968	-31	3	56.34	4	9005	TOKYO	6970	4	YK	6397
	12	2	22	38	50.0952	1	7	21	2.353	-34	49	7.76	4	9006	NAIN TAL	5616	4	MY	6238
	12	2	22	39	30.0957	1	7	33	14.737	-36	44	38.75	4	9006	NAIN TAL	5616	9	MY	6239
	12	2	23	52	40.6186	1	23	27	50.712	34	20	24.78	4	9010	JUPITER	7972	6	BA	8109
	12	2	23	52	42.6188	1	23	31	26.183	34	43	38.99	4	9010	JUPITER	7972	7	BA	8110
	12	3	0	37	3.0491	1	7	16	54.351	-36	24	25.71	4	9008	SHIRAZ	10313	4	LT	6322
	12	3	0	37	27.0504	1	7	23	58.353	-37	33	26.18	4	9008	SHIRAZ	10313	7	LT	6323
	12	3	8	26	42.1017	1	8	39	6.653	-35	17	9.26	4	9010	JUPITER	7977	6	BA	8111
	12	3	8	26	58.1021	1	8	44	10.818	-35	54	36.92	4	9010	JUPITER	7977	8	BA	8112
	12	3	8	30	8.6610	1	8	22	25.791	-30	13	21.07	4	9009	CURACAO	6472	3	LT	6123
	12	3	8	30	40.6604	1	8	34	54.423	-32	21	25.54	4	9009	CURACAO	6472	7	LT	6124
	12	3	9	41	29.1651	1	22	25	54.845	-	1	3 5.99	4	9005	TOKYO	6977	15	YK	6398
	12	3	9	41	31.1647	1	22	28	3.322	-	0	45 48.96	4	9005	TOKYO	6977	16	YK	5914
	12	3	13	35	44.4830	1	21	6	45.427	21	0	51.34	4	9006	NAIN TAL	5623	3	MY	6240
	12	3	13	35	52.4834	1	21	15	14.322	22	55	32.74	4	9006	NAIN TAL	5623	5	MY	6241
	12	3	14	20	57.5344	1	7	33	23.834	-34	46	29.34	4	9012	MAUI	8347	2	PK	6449
	12	3	14	21	29.5324	1	7	44	17.549	-36	36	29.93	4	9012	MAUI	8347	6	PK	6450
	12	3	22	8	26.7150	10	7	27	38.515	-35	46	46.88	4	9006	NAIN TAL	5628	3	MY	6242
	12	3	22	9	20.9154	10	7	44	42.511	-38	10	46.96	4	9006	NAIN TAL	5628	9	MY	6243
	12	4	0	7	20.8198	1	7	35	19.056	-39	19	37.94	4	9008	SHIRAZ	10327	6	HC	6324
	12	4	0	7	28.8199	1	7	37	46.673	-39	40	19.92	4	9008	SHIRAZ	10327	7	HC	6325
	12	4	1	20	34.1733	1	23	21	58.696	3	13	53.53	4	9001	ORGAN PASS	8406	7	DU	6252
	12	4	1	20	40.1721	1	23	30	31.666	4	22	28.25	4	9001	ORGAN PASS	8406	10	DU	6253
	12	4	1	23	49.4772	1	19	42	57.654	36	51	59.41	4	9010	JUPITER	7981	6	VO	8113
	12	4	1	24	5.4765	1	19	48	30.493	39	40	51.26	4	9010	JUPITER	7981	8	VO	8114
	12	4	2	12	16.8012	1	9	20	7.095	25	6	15.90	4	9002	OLIFANTS	10115	7	YK	5875
	12	4	2	14	8.7992	1	10	0	42.092	18	21	41.74	4	9002	OLIFANTS	10115	21	YK	5876
	12	4	5	16	17.9839	1	19	25	3.906	58	55	10.92	4	9012	MAUI	8350	4	RO	6970
	12	4	5	16	49.9810	1	19	53	52.244	66	38	56.57	4	9012	MAUI	8350	8	RO	6971
	12	4	8	3	32.1985	1	9	18	58.900	33	23	31.26	4	9011	VILLA DOLO	7552	3	DM	7455
	12	4	17	52	43.1629	1	10	38	45.760	24	17	7.64	4	9003	WOOMERA	11701	4	LT	6476
	12	4	17	52	51.1628	1	10	40	58.467	23	51	42.58	4	9003	WOOMERA	11701	6	LT	6477
	12	5	2	51	8.0460	1	19	53	9.492	18	23	11.37	4	9001	ORGAN PASS	8427	3	DU	6254

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	5	2	51	24.0394	1	19	59	46.247	20	41	34.15	4	9001	ORGAN PASS	8427	7	DU	6255
	12	5	4	46	59.9773	1	21	19	52.100	76	5	20.71	4	9012	MAUI	8359	5	VD	6451
	12	5	7	31	25.4591	1	9	41	9.721	-36	18	12.19	4	9009	CURACAO	6482	4	YK	6125
	12	5	7	31	33.4592	1	9	43	59.755	-36	37	49.61	4	9009	CURACAO	6482	5	YK	7049
	12	5	7	33	33.6279	1	10	35	41.748	9	36	38.58	4	9007	AREQUIPA	7759	2	BN	6306
	12	5	7	33	57.6281	1	10	43	0.947	7	56	22.46	4	9007	AREQUIPA	7759	5	BN	6307
	12	5	13	23	25.9125	1	9	7	51.057	-44	19	22.84	4	9012	MAUI	8368	4	VD	6452
	12	5	13	24	13.9146	1	9	24	16.341	-45	48	15.69	4	9012	MAUI	8368	7	VD	6453
	12	5	16	35	38.9404	1	19	41	6.318	34	37	42.89	4	9008	SHIRAZ	10348	4	HC	6326
	12	5	16	36	10.9391	1	19	52	43.626	39	57	36.42	4	9008	SHIRAZ	10348	8	HC	6327
	12	6	2	21	43.9687	1	20	7	3.954	26	51	12.31	4	9001	ORGAN PASS	8442	6	DU	6256
	12	6	2	21	47.9687	1	20	9	40.395	27	39	1.62	4	9001	ORGAN PASS	8442	8	DU	6257
	12	6	7	1	7.7014	1	9	54	31.812	-35	16	4.74	4	9009	CURACAO	6483	5	YK	6127
	12	6	7	1	23.7017	1	9	59	38.022	-35	49	26.31	4	9009	CURACAO	6483	7	YK	6128
	12	6	7	3	6.5519	1	10	38	17.156	8	24	47.65	4	9007	AREQUIPA	7770	5	BN	6308
	12	6	7	3	30.5519	1	10	44	51.704	6	51	14.76	4	9007	AREQUIPA	7770	8	BN	6309
	12	6	8	59	41.4372	1	6	14	46.472	-36	20	29.52	4	9009	CURACAO	6485	3	YK	6129
	12	6	9	0	21.4362	1	6	25	16.998	-38	58	32.31	4	9009	CURACAO	6485	8	YK	6130
	12	6	9	1	44.0324	1	7	11	52.861	4	54	41.82	4	9007	AREQUIPA	7774	3	VD	6310
	12	6	9	2	23.9494	1	7	24	56.406	1	59	29.28	4	9007	AREQUIPA	7774	8	VD	6311
	12	6	10	12	28.3374	1	20	20	1.205	16	28	33.70	4	9005	TOKYO	7000	5	YK	5915
	12	6	10	12	32.3374	1	20	22	22.131	17	2	58.34	4	9005	TOKYO	7000	6	YK	5916
	12	6	14	6	35.5614	1	19	5	1.219	28	17	53.18	4	9006	NAIN TAL	5640	4	VD	6244
	12	6	14	7	15.5679	1	19	18	23.126	35	19	53.91	4	9006	NAIN TAL	5640	9	VD	6245
	12	6	16	5	58.6926	1	19	38	13.793	43	22	17.99	4	9008	SHIRAZ	10361	6	HC	6328
	12	6	20	0	47.6365	1	20	28	58.588	17	53	48.41	4	9004	SAN FERNAN	7033	3	PK	6208
	12	6	20	1	11.6367	1	20	44	57.546	21	26	3.60	4	9004	SAN FERNAN	7033	6	PK	6209
	12	6	23	53	58.3126	1	19	47	23.836	58	17	34.50	4	9010	JUPITER	7993	5	VD	8115
	12	6	23	54	6.3149	1	19	57	18.470	60	33	12.64	4	9010	JUPITER	7993	9	VD	8116
	12	7	0	35	57.1265	1	8	10	44.906	38	23	7.22	4	9002	OLIFANTS	10150	7	BA	5877
	12	7	0	36	5.1264	1	8	13	21.979	37	59	24.87	4	9002	OLIFANTS	10150	8	BA	5878
	12	7	0	49	3.5553	1	12	10	25.951	- 5	42	22.16	4	9002	OLIFANTS	10151	8	BA	5879
	12	7	0	49	11.5552	1	12	12	39.844	- 6	2	17.06	4	9002	OLIFANTS	10151	9	BA	5880
	12	7	1	51	27.5983	1	20	2	6.822	27	23	26.28	4	9001	ORGAN PASS	8455	2	HC	6258
	12	7	1	51	35.6043	1	20	8	44.851	29	14	39.65	4	9001	ORGAN PASS	8455	4	HC	6259
	12	7	5	49	25.1938	1	17	59	24.366	71	23	39.26	4	9012	MAUI	8388	4	VD	7055
	12	7	5	49	49.1926	1	17	54	2.386	75	45	12.97	4	9012	MAUI	8388	7	VD	6454
	12	7	6	32	38.2736	1	10	38	13.541	7	15	50.50	4	9007	AREQUIPA	7776	5	VD	6312
	12	7	6	32	54.2733	1	10	42	10.738	6	17	42.11	4	9007	AREQUIPA	7776	7	VD	6313
	12	7	8	35	36.2914	1	9	11	42.095	-17	22	46.21	4	9007	AREQUIPA	7780	5	YK	6314
	12	7	8	36	8.2901	1	9	26	42.732	-20	0	8.76	4	9007	AREQUIPA	7780	9	YK	6315
	12	7	18	25	0.1385	1	10	11	24.029	5	40	21.60	4	9003	WOOMERA	11750	8	LT	6478
	12	7	18	25	28.1378	1	10	22	13.642	3	57	22.94	4	9003	WOOMERA	11750	15	LT	6479
	12	7	19	30	34.7677	1	20	24	11.854	18	13	46.34	4	9004	SAN FERNAN	7042	3	PK	6210
	12	7	19	30	42.7677	1	20	30	24.156	19	32	30.83	4	9004	SAN FERNAN	7042	7	PK	6211

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	7	23	24	1.8675	1	20	57	21.851	68	54	20.48	4	9010	JUPITER	7996	3	VD	8117
	12	8	0	6	0.7073	1	8	31	27.441	35	36	44.00	4	9002	OLIFANTS	10160	4	LD	5881
	12	8	0	6	16.7076	1	8	36	26.356	34	43	24.57	4	9002	OLIFANTS	10160	6	LD	5882
	12	8	0	7	49.2758	1	9	4	43.434	29	23	3.60	4	9002	OLIFANTS	10160	11	LD	5883
	12	8	0	16	48.8059	1	11	35	50.745	- 1	20	4.53	4	9002	OLIFANTS	10162	5	BA	5884
	12	8	0	18	36.4550	1	12	3	38.743	- 5	50	43.79	4	9002	OLIFANTS	10162	13	LT	5885
	12	8	1	22	5.9232	1	21	22	51.411	43	17	15.47	4	9001	ORGAN PASS	8471	3	HC	6260
	12	8	1	22	21.9260	1	21	55	48.714	47	24	4.25	4	9001	ORGAN PASS	8471	5	HC	6261
	12	8	8	6	42.8896	1	10	17	9.405	-24	22	36.97	4	9007	AREQUIPA	7785	5	YK	6316
	12	8	8	6	58.8886	1	10	24	36.916	-25	20	50.26	4	9007	AREQUIPA	7785	7	YK	6317
	12	8	9	11	46.1446	1	20	1	33.765	13	29	12.50	4	9005	TOKYO	7021	3	RO	7040
	12	8	9	13	45.1897	1	22	42	12.003	38	2	34.34	4	9005	TOKYO	7021	21	RO	7818
	12	8	9	15	30.2085	1	2	24	42.119	42	24	18.27	4	9005	TOKYO	7021	40	RO	6288
	12	8	13	7	41.6005	1	19	43	35.092	57	3	47.06	4	9006	NAIN TAL	5658	7	VD	6246
	12	8	13	7	49.6236	1	19	54	15.495	59	25	53.44	4	9006	NAIN TAL	5658	9	VD	6247
	12	8	17	54	11.4673	1	10	12	45.746	5	46	6.12	4	9003	WOOMERA	11765	7	LT	8292
	12	8	17	54	27.4669	1	10	18	34.842	4	48	56.70	4	9003	WOOMERA	11765	11	LT	6481
	12	8	23	37	43.4570	1	9	17	47.571	26	11	7.46	4	9002	OLIFANTS	10173	9	LD	5886
	12	8	23	43	32.6854	1	10	49	12.147	5	59	35.54	4	9002	OLIFANTS	10174	9	LD	5887
	12	8	23	44	36.6863	1	11	5	1.854	2	48	27.79	4	9002	OLIFANTS	10174	17	VD	5888
	12	9	2	53	21.0315	1	19	32	0.649	36	18	42.14	4	9001	ORGAN PASS	8486	2	DM	6262
	12	9	2	53	33.0323	1	19	37	11.480	38	16	45.12	4	9001	ORGAN PASS	8486	5	DM	6263
	12	9	4	48	58.9321	1	15	47	9.638	82	47	7.74	4	9012	MAUI	8392	4	LT	7056
	12	9	4	49	30.9293	1	11	45	14.561	86	24	50.00	4	9012	MAUI	8392	8	LT	6455
	12	9	5	32	5.7589	1	9	48	26.119	23	29	14.64	4	9011	VILLA DOLO	7570	4	DM	7456
	12	9	5	32	29.7586	1	9	54	3.185	22	15	24.41	4	9011	VILLA DOLO	7570	7	DM	7457
	12	9	8	42	57.8611	1	22	16	36.904	31	56	5.11	4	9005	TOKYO	7033	6	PL	5826
	12	9	8	43	1.8613	1	22	25	3.508	32	45	6.37	4	9005	TOKYO	7033	8	PL	5827
	12	9	14	39	21.5076	1	19	11	41.507	44	54	29.19	4	9006	NAIN TAL	5678	3	LT	6248
	12	9	14	40	1.5075	1	19	25	59.849	51	43	25.61	4	9006	NAIN TAL	5678	11	LT	6249
	12	9	17	24	20.3852	1	10	32	50.282	2	26	35.59	4	9003	WOOMERA	11780	6	GL	6482
	12	9	17	24	32.3850	1	10	36	54.138	1	47	6.27	4	9003	WOOMERA	11780	9	GL	6483
	12	9	23	11	24.8300	1	10	22	48.289	9	51	56.28	4	9002	OLIFANTS	10187	12	VD	5889
	12	9	23	11	56.8283	1	10	30	15.726	8	11	58.26	4	9002	OLIFANTS	10187	16	VD	6445
	12	10	1	5	49.7265	1	6	27	20.485	24	1	1.45	4	9002	OLIFANTS	10193	4	VD	6446
	12	10	2	23	12.0416	1	19	19	27.237	41	20	39.68	4	9001	ORGAN PASS	8499	4	DM	6264
	12	10	2	23	24.0405	1	19	26	0.630	43	47	0.53	4	9001	ORGAN PASS	8499	7	DM	7883
	12	10	10	15	2.5696	1	20	44	51.824	41	30	32.83	4	9005	TOKYO	7051	12	YK	7711
	12	10	10	15	6.5696	1	20	49	12.173	42	16	32.48	4	9005	TOKYO	7051	13	YK	5917
	12	10	14	8	59.7459	1	18	47	37.672	48	26	17.19	4	9006	NAIN TAL	5691	4	LT	6250
	12	10	14	9	15.7462	1	18	52	56.715	51	29	39.23	4	9006	NAIN TAL	5691	8	LT	6251
	12	10	16	53	7.4937	1	10	23	15.530	3	40	23.03	4	9003	WOOMERA	11793	6	GL	6484
	12	10	16	53	11.4937	1	10	24	31.077	3	27	23.76	4	9003	WOOMERA	11793	7	GL	6485
	12	10	23	56	29.9345	1	18	42	20.484	85	12	45.29	4	9010	JUPITER	8018	6	PK	6011
	12	11	1	53	31.2562	1	19	38	32.266	55	39	34.30	4	9001	ORGAN PASS	8514	2	DM	6265

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	11	1	53	47.2628	1	19	58	38.180	59	58	46.50	4	9001	ORGAN PASS	8514	6	DM	6266
	12	11	6	35	6.0680	1	10	48	53.513	-21	18	54.37	4	9007	AREQUIPA	7797	11	YK	7051
	12	11	8	35	55.7791	1	7	51	18.717	-42	47	4.14	4	9007	AREQUIPA	7803	3	DU	6289
	12	11	8	36	27.7779	1	8	8	0.930	-45	18	31.24	4	9007	AREQUIPA	7803	7	DU	6290
	12	11	9	43	28.0761	1	19	35	33.480	31	26	33.69	4	9005	TOKYO	7065	4	LT	5918
	12	11	9	43	32.0763	1	19	38	14.637	32	9	14.56	4	9005	TOKYO	7065	5	LT	5919
	12	11	13	39	11.0729	1	18	36	54.792	60	30	27.50	4	9006	NAIN TAL	5703	6	YK	7042
	12	11	16	21	54.4705	1	10	13	35.929	4	43	20.65	4	9003	WOOMERA	11811	3	GL	7092
	12	11	16	21	58.4705	1	10	14	45.880	4	30	47.09	4	9003	WOOMERA	11811	4	GL	6487
	12	11	18	24	50.4443	1	9	16	42.064	-15	51	13.12	4	9003	WOOMERA	11818	3	MY	6488
	12	11	18	25	10.4441	1	9	26	30.062	-17	8	28.68	4	9003	WOOMERA	11818	8	MY	6489
	12	11	23	25	48.7604	1	17	34	43.903	87	58	4.32	4	9010	JUPITER	8032	2	PK	6012
	12	12	0	9	5.0724	1	8	29	9.567	6	53	43.21	4	9002	OLIFANTS	10202	31	BN	6269
	12	12	0	9	19.4711	1	8	34	43.755	5	51	48.00	4	9002	OLIFANTS	10202	34	BN	6270
	12	12	6	6	50.1540	1	10	33	24.640	- 2	45	13.82	4	9011	VILLA DOLO	7606	4	PL	7458
	12	12	6	7	6.1532	1	10	38	32.887	- 3	30	33.91	4	9011	VILLA DOLO	7606	6	PL	7459
	12	12	9	14	25.1717	1	21	20	30.339	53	39	16.11	4	9005	TOKYO	7077	6	LT	5920
	12	12	9	14	31.1718	1	21	35	7.355	54	58	22.08	4	9005	TOKYO	7077	9	LT	5921
	12	12	15	50	54.0568	1	10	7	14.666	4	57	26.50	4	9003	WOOMERA	11825	3	MY	6490
	12	12	15	51	14.0568	1	10	12	39.545	3	57	29.75	4	9003	WOOMERA	11825	8	MY	6491
	12	13	1	55	53.7906	1	14	34	52.988	-40	2	14.84	4	9002	OLIFANTS	10208	11	MY	6271
	12	13	1	56	25.7905	1	14	45	27.688	-39	1	52.32	4	9002	OLIFANTS	10208	15	MY	6272
	12	13	8	43	27.7288	1	20	39	52.744	51	24	30.39	4	9005	TOKYO	7084	3	LT	5922
	12	13	8	43	41.7292	1	21	14	37.370	54	59	9.41	4	9005	TOKYO	7084	10	LT	5923
	12	13	12	40	35.6523	1	5	12	17.179	66	14	22.55	4	9006	NAIN TAL	5715	8	YK	7043
	12	13	12	40	43.6522	1	5	14	49.342	64	21	48.37	4	9006	NAIN TAL	5715	10	LD	948
	12	13	17	23	48.7783	1	9	59	49.834	-17	16	18.59	4	9003	WOOMERA	11847	4	MY	6492
	12	13	17	24	12.7778	1	10	10	53.305	-18	25	42.23	4	9003	WOOMERA	11847	10	MY	6493
	12	13	18	31	59.8690	1	22	11	32.307	54	35	43.46	4	9004	SAN FERNAN	7092	4	GL	6214
	12	13	18	32	1.8690	1	22	17	54.785	54	53	42.21	4	9004	SAN FERNAN	7092	5	GL	6215
	12	14	0	26	36.0381	1	18	7	58.996	66	4	10.83	4	9010	JUPITER	8048	3	PK	6013
	12	14	0	26	40.0380	1	18	8	59.830	66	55	23.79	4	9010	JUPITER	8048	4	PK	6014
	12	14	1	4	48.4479	1	5	12	44.456	5	42	1.01	4	9002	OLIFANTS	10221	5	LT	6273
	12	14	1	5	36.5793	1	5	25	8.123	2	56	57.94	4	9002	OLIFANTS	10221	12	LT	6274
	12	14	2	24	9.2074	1	19	23	14.734	47	42	46.61	4	9001	ORGAN PASS	8534	4	DM	6267
	12	14	2	24	17.2071	1	19	29	4.586	49	13	59.27	4	9001	ORGAN PASS	8534	6	DM	6268
	12	14	16	52	19.2967	1	9	52	15.609	-14	44	32.39	4	9003	WOOMERA	11863	3	MY	5824
	12	14	16	52	27.2965	1	9	55	42.104	-15	7	52.13	4	9003	WOOMERA	11863	5	MY	5825
	12	14	20	3	11.7551	10	20	47	42.249	32	10	0.42	4	9004	SAN FERNAN	7108	4	LT	6899
	12	14	20	3	19.7553	10	20	56	5.674	32	59	32.32	4	9004	SAN FERNAN	7108	5	LT	6900
	12	14	22	37	11.4882	1	9	5	12.094	3	26	11.54	4	9002	OLIFANTS	10232	6	LT	6275
	12	14	22	39	10.0607	1	9	42	7.382	- 3	35	34.08	4	9002	OLIFANTS	10232	15	LT	6276
	12	15	0	34	33.0284	1	5	24	7.428	3	51	47.96	4	9002	OLIFANTS	10237	8	LT	6277
	12	15	0	34	41.0291	1	5	26	31.289	3	21	8.44	4	9002	OLIFANTS	10237	10	LT	7885
	12	15	1	53	43.9629	1	19	9	7.637	54	40	6.40	4	9001	ORGAN PASS	8544	2	PK	5838

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	15	1	53	55.9663	1	19	21	15.223	57	31	47.74	4	9001	ORGAN PASS	8544	5	PK	5839
	12	15	13	41	35.9477	1	2	17	42.669	80	7	43.87	4	9006	NAIN TAL	5740	7	LD	6969
	12	15	16	21	56.9621	1	10	11	18.977	-15	22	29.70	4	9003	WOOMERA	11882	5	HC	6283
	12	15	16	22	24.9618	1	10	22	10.829	-16	28	21.69	4	9003	WOOMERA	11882	12	HC	6284
	12	15	18	24	19.4149	1	8	37	21.963	-37	25	54.17	4	9003	WOOMERA	11887	4	RO	5894
	12	15	18	24	39.4144	1	8	49	42.487	-38	36	7.20	4	9003	WOOMERA	11887	9	RO	6540
	12	15	23	25	36.4589	1	16	10	49.523	79	0	21.33	4	9010	JUPITER	8056	5	DU	6015
	12	16	0	5	12.8278	1	6	3	19.395	- 2	43	7.88	4	9002	OLIFANTS	10247	3	LT	6279
	12	16	0	6	12.0321	1	6	26	50.672	- 7	23	52.88	4	9002	OLIFANTS	10247	12	LT	6280
	12	16	2	14	43.6664	1	6	58	45.917	-46	0	48.91	4	9002	OLIFANTS	10252	3	HC	6281
	12	16	2	15	49.3699	1	7	32	20.770	-51	4	19.74	4	9002	OLIFANTS	10252	11	HC	6282
	12	16	4	1	27.4508	1	9	45	40.139	2	11	59.47	4	9011	VILLA DOLO	7642	2	PL	7460
	12	16	4	1	51.4506	1	9	51	29.942	1	8	14.23	4	9011	VILLA DOLO	7642	5	PL	7461
	12	16	5	22	6.6066	1	9	6	59.060	83	7	11.34	4	9012	MAUI	8444	3	LT	6456
	12	16	5	22	30.6052	1	7	51	23.102	79	23	36.50	4	9012	MAUI	8444	6	LT	6457
	12	16	6	5	14.2603	1	10	0	43.414	-19	21	26.07	4	9011	VILLA DOLO	7651	2	LT	7462
	12	16	6	5	54.2589	1	10	18	13.558	-20	50	3.76	4	9011	VILLA DOLO	7651	7	LT	7463
	12	16	8	2	56.3271	1	6	13	17.055	-19	10	10.36	4	9011	VILLA DOLO	7656	3	LT	7464
	12	16	8	3	20.3267	1	6	20	52.331	-20	46	45.72	4	9011	VILLA DOLO	7656	6	LT	7465
	12	16	9	14	14.3322	1	20	34	43.614	49	5	48.34	4	9005	TOKYO	7100	6	LT	5924
	12	16	9	14	20.3324	1	20	46	36.323	50	17	40.82	4	9005	TOKYO	7100	9	LT	5925
	12	16	17	53	30.9952	1	9	6	28.085	-38	10	35.46	4	9003	WOOMERA	11896	4	RO	5896
	12	16	17	53	43.1449	1	9	14	17.185	-38	43	11.09	4	9003	WOOMERA	11896	7	RO	5897
	12	16	23	35	11.0490	1	6	39	55.161	- 7	18	1.13	4	9002	OLIFANTS	10262	5	HC	5848
	12	16	23	35	27.0495	1	6	47	10.453	- 8	37	40.34	4	9002	OLIFANTS	10262	7	HC	5849
	12	17	5	34	15.2750	1	10	5	53.524	-18	9	58.06	4	9011	VILLA DOLO	7670	3	LT	7466
	12	17	5	34	31.2746	1	10	12	18.565	-18	43	13.51	4	9011	VILLA DOLO	7670	5	LT	7467
	12	17	7	33	34.5828	1	6	56	48.790	-27	45	28.21	4	9011	VILLA DOLO	7673	3	LT	7468
	12	17	7	33	50.5822	1	7	4	2.943	-28	55	4.42	4	9011	VILLA DOLO	7673	5	LT	7469
	12	17	8	44	1.1464	1	22	10	39.526	59	53	5.65	4	9005	TOKYO	7111	5	BA	7039
	12	17	8	44	5.1465	1	22	26	7.030	60	14	21.35	4	9005	TOKYO	7111	7	BA	6586
	12	17	23	4	35.7361	1	7	7	43.790	- 9	12	47.88	4	9002	OLIFANTS	10268	3	HC	5850
	12	17	23	5	31.7350	1	7	34	58.611	-13	40	39.01	4	9002	OLIFANTS	10268	10	HC	5851
	12	18	0	26	37.2959	1	19	2	39.796	62	30	34.00	4	9010	JUPITER	8076	3	MY	6017
	12	18	0	26	41.2958	1	19	6	18.136	63	17	20.64	4	9010	JUPITER	8076	4	MY	6018
	12	18	14	47	43.9621	1	9	45	31.898	- 9	43	24.78	4	9003	WOOMERA	11906	3	VD	5898
	12	18	14	48	7.9622	1	9	52	55.797	-10	39	41.16	4	9003	WOOMERA	11906	9	VD	5899
	12	18	16	51	47.5115	1	9	58	15.754	-36	16	48.30	4	9003	WOOMERA	11913	6	RO	5900
	12	18	16	51	51.5114	1	10	0	34.603	-36	21	21.67	4	9003	WOOMERA	11913	7	RO	5901
	12	18	20	2	26.3187	1	20	52	50.323	15	37	17.58	4	9004	SAN FERNAN	7143	3	LT	6901
	12	18	20	2	38.3187	1	21	3	29.123	15	30	22.97	4	9004	SAN FERNAN	7143	6	LT	6902
	12	18	22	34	41.2379	1	7	56	40.983	-13	53	10.68	4	9002	OLIFANTS	10283	6	HC	5852
	12	18	22	34	57.2382	1	8	4	19.222	-14	59	44.74	4	9002	OLIFANTS	10283	8	HC	5853
	12	18	23	56	17.5208	1	18	58	2.082	74	45	4.04	4	9010	JUPITER	8086	2	MY	6019
	12	18	23	56	25.5218	1	19	14	58.206	76	41	9.64	4	9010	JUPITER	8086	4	MY	6020

CATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	19	0	33	25.2831	1	4	27	33.122	-15	16	2.72	4	9002	OLIFANTS	10289	9	VD	6443
	12	19	0	33	29.2832	1	4	28	35.023	-15	33	3.68	4	9002	OLIFANTS	10289	10	VD	5855
	12	19	5	51	27.3681	1	19	33	58.609	71	41	23.76	4	9012	MAUI	8463	4	LT	7470
	12	19	5	51	43.3675	1	19	58	8.205	74	21	16.07	4	9012	MAUI	8463	6	LT	7471
	12	19	6	31	33.7809	1	9	5	57.373	-61	53	4.76	4	9007	AREQUIPA	7818	3	HC	6291
	12	19	6	31	57.7801	1	9	25	41.950	-62	3	24.38	4	9007	AREQUIPA	7818	6	HC	6292
	12	19	6	34	52.0060	1	9	36	12.053	-39	36	15.86	4	9011	VILLA DOLO	7697	5	YK	7819
	12	19	6	35	8.0054	1	9	46	28.797	-39	55	25.27	4	9011	VILLA DOLO	7697	7	YK	7044
	12	19	8	36	25.6376	1	7	1	53.158	-71	43	34.31	4	9007	AREQUIPA	7822	3	DU	6967
	12	19	8	36	57.6370	1	7	31	43.281	-73	31	12.75	4	9007	AREQUIPA	7822	7	DU	6968
	12	19	14	16	43.9418	1	9	42	39.894	- 9	5	22.56	4	9003	WOOMERA	11925	3	BA	5902
	12	19	14	17	23.9408	1	9	53	53.997	-10	31	41.20	4	9003	WOOMERA	11925	8	BA	5903
	12	19	16	19	51.0148	1	9	43	48.192	-33	12	41.34	4	9003	WOOMERA	11932	5	BA	5904
	12	19	16	20	7.0145	1	9	52	26.213	-33	32	12.05	4	9003	WOOMERA	11932	9	BA	5905
	12	19	18	23	21.1013	1	8	24	53.909	-51	45	8.89	4	9003	WOOMERA	11937	3	BA	5906
	12	19	18	23	29.1010	1	8	31	5.707	-52	6	20.24	4	9003	WOOMERA	11937	5	BA	5907
	12	19	19	31	39.2550	1	20	36	33.135	17	51	2.98	4	9004	SAN FERNAN	7156	3	LT	6903
	12	19	19	31	59.2540	1	20	57	39.160	17	47	20.56	4	9004	SAN FERNAN	7156	8	LT	6904
	12	19	22	3	45.7302	1	8	13	37.628	-13	28	34.53	4	9002	OLIFANTS	10304	4	VD	6218
	12	19	22	4	9.7303	1	8	24	15.856	-14	58	21.24	4	9002	OLIFANTS	10304	7	VD	6219
	12	19	23	26	36.9013	1	4	32	46.891	76	44	23.94	4	9010	JUPITER	8099	17	BA	6021
	12	20	0	1	24.4425	1	4	9	53.676	-12	13	56.02	4	9002	OLIFANTS	10310	3	VD	5813
	12	20	0	1	40.4426	1	4	14	21.374	-13	25	12.74	4	9002	OLIFANTS	10310	5	VD	7090
	12	20	1	23	59.9482	1	23	25	28.713	62	25	16.43	4	9001	ORGAN PASS	8570	3	PK	5840
	12	20	1	24	7.9474	1	23	57	38.469	61	40	20.38	4	9001	ORGAN PASS	8570	5	DU	5841
	12	20	3	25	9.1239	1	21	27	1.708	10	49	20.05	4	9001	ORGAN PASS	8574	3	MY	5842
	12	20	3	25	25.1162	1	21	38	47.266	9	58	7.36	4	9001	ORGAN PASS	8574	5	MY	5843
	12	20	5	21	27.3736	10	23	30	31.194	86	12	17.82	4	9012	MAUI	8466	6	LD	6232
	12	20	5	59	43.8018	1	9	6	21.366	-59	24	45.90	4	9007	AREQUIPA	7833	3	HC	6293
	12	20	6	0	7.8017	1	9	24	27.987	-59	28	15.31	4	9007	AREQUIPA	7833	6	HC	6294
	12	20	13	9	34.1215	1	22	15	52.781	70	31	16.13	4	9006	NAIN TAL	5793	10	YK	6224
	12	20	13	45	8.3094	1	9	28	37.743	- 7	12	26.60	4	9003	WOOMERA	11945	3	LD	5908
	12	20	13	45	40.3085	1	9	37	6.095	- 8	24	11.77	4	9003	WOOMERA	11945	7	LD	7038
	12	20	15	49	3.0289	1	10	3	54.477	-31	20	31.57	4	9003	WOOMERA	11953	3	LD	5909
	12	20	15	49	15.0287	1	10	9	34.527	-31	29	46.77	4	9003	WOOMERA	11953	6	LD	6396
	12	20	17	51	44.3654	1	8	34	0.045	-51	40	45.02	4	9003	WOOMERA	11956	4	PK	6583
	12	20	17	52	4.3650	1	8	50	13.141	-52	19	14.91	4	9003	WOOMERA	11956	9	PK	6584
	12	20	23	31	6.5718	1	4	25	39.892	-17	8	9.24	4	9002	OLIFANTS	10324	5	VD	5814
	12	20	23	31	22.5714	1	4	31	26.263	-18	31	16.54	4	9002	OLIFANTS	10324	7	VD	5815
	12	21	4	51	37.7560	1	5	32	38.288	68	26	51.46	4	9012	MAUI	8477	4	LD	6233
	12	21	8	44	17.2398	1	0	49	51.642	27	38	4.20	4	9005	TOKYO	7147	6	PK	6587
	12	21	8	44	19.2398	1	0	54	11.844	27	11	1.53	4	9005	TOKYO	7147	7	PK	6588
	12	21	14	40	33.7758	1	21	30	53.177	14	36	1.70	4	9006	NAIN TAL	5810	8	YK	6225
	12	21	15	16	38.8746	1	9	35	51.516	-27	46	31.04	4	9003	WOOMERA	11973	3	BN	6104
	12	21	15	16	42.8744	1	9	37	41.980	-27	51	41.08	4	9003	WOOMERA	11973	4	BN	6105

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	21	16	38	7.8511	1	21	23	8.657	11	14	32.70	4	9008	SHIRAZ	10455	6	BA	6334
	12	21	17	18	59.1122	1	7	51	19.052	-48	41	32.77	4	9003	WOOMERA	11978	6	RO	6106
	12	21	17	19	3.1120	1	7	54	20.345	-48	52	26.54	4	9003	WOOMERA	11978	7	RO	9653
	12	21	20	32	42.3709	1	21	49	17.178	- 6	31	2.48	4	9004	SAN FERNAN	7179	3	LT	6905
	12	21	20	32	50.3704	1	21	54	50.013	- 7	13	0.65	4	9004	SAN FERNAN	7179	5	LT	6906
	12	21	23	0	19.4474	1	4	41	4.073	-20	18	52.35	4	9002	OLIFANTS	10331	4	LT	5816
	12	21	23	0	35.4482	1	4	48	16.240	-21	50	5.66	4	9002	OLIFANTS	10331	6	LT	5817
	12	22	2	23	48.4179	1	21	16	47.291	14	13	41.83	4	9001	ORGAN PASS	8582	2	MY	5844
	12	22	2	24	16.4160	1	21	48	55.518	12	4	55.44	4	9001	ORGAN PASS	8582	9	MY	5845
	12	22	10	15	13.1982	1	22	33	23.835	- 9	8	12.48	4	9005	TOKYO	7171	8	PK	6589
	12	22	10	15	15.1986	1	22	35	25.613	- 9	22	30.06	4	9005	TOKYO	7171	9	PK	6590
	12	22	14	45	45.0723	1	9	47	30.226	-25	54	38.47	4	9003	WOOMERA	11993	3	RO	6107
	12	22	14	46	17.0715	1	10	0	7.983	-26	23	49.47	4	9003	WOOMERA	11993	7	RO	6108
	12	22	16	48	6.7987	1	8	38	6.484	-49	33	36.05	4	9003	WOOMERA	11996	4	RO	6109
	12	22	16	48	14.7985	1	8	44	30.120	-49	42	53.61	4	9003	WOOMERA	11996	6	RO	6110
	12	22	20	31	52.0796	1	8	57	21.128	-13	56	21.93	4	9002	OLIFANTS	10344	7	LT	5818
	12	22	20	32	0.0792	1	8	59	47.921	-14	15	43.84	4	9002	OLIFANTS	10344	8	LT	5819
	12	22	22	29	44.1012	1	5	12	46.255	-24	51	51.69	4	9002	OLIFANTS	10349	4	LT	5820
	12	22	22	30	0.1016	1	5	21	50.921	-26	25	3.90	4	9002	OLIFANTS	10349	6	LT	5821
	12	22	23	56	32.1821	1	23	48	27.601	53	2	10.36	4	9010	JUPITER	8117	5	BA	6024
	12	22	23	59	35.2719	1	23	20	6.389	75	48	30.77	4	9009	CURACAO	6587	6	LD	6131
	12	23	0	0	7.2737	1	1	10	30.336	74	31	8.51	4	9009	CURACAO	6587	10	LD	6132
	12	23	2	24	36.6001	1	8	53	39.655	- 5	10	11.59	4	9011	VILLA DOLO	7733	3	BA	6227
	12	23	2	24	44.6000	1	8	55	49.337	- 5	30	24.92	4	9011	VILLA DOLO	7733	4	BA	6228
	12	23	4	28	3.2004	1	9	19	54.399	-28	56	28.83	4	9011	VILLA DOLO	7739	5	BA	6230
	12	23	5	50	38.3759	1	21	5	4.959	46	32	14.74	4	9012	MAUI	8484	2	BA	6338
	12	23	5	50	54.3759	1	21	26	9.495	47	2	57.51	4	9012	MAUI	8484	6	BA	6339
	12	23	9	44	10.7947	1	22	23	40.882	- 8	22	10.36	4	9005	TOKYO	7184	5	GL	6591
	12	23	9	45	4.3192	1	23	28	52.371	-15	27	51.97	4	9005	TOKYO	7184	28	GL	6592
	12	23	21	58	20.8493	1	5	26	6.738	-24	21	50.34	4	9002	OLIFANTS	10360	5	LT	5822
	12	23	21	58	36.8392	1	5	36	11.209	-25	54	32.82	4	9002	OLIFANTS	10360	7	LT	5823
	12	23	23	27	29.1629	1	3	48	19.526	20	38	59.00	4	9010	JUPITER	8127	5	DU	6025
	12	24	3	25	49.0725	1	22	50	46.532	-21	58	3.81	4	9001	ORGAN PASS	8616	3	MY	5846
	12	24	3	26	13.0733	1	23	6	56.443	-24	36	8.40	4	9001	ORGAN PASS	8616	9	MY	5847
	12	24	3	56	20.2493	1	9	12	43.145	-26	3	15.61	4	9011	VILLA DOLO	7757	4	LD	6231
	12	24	5	21	56.3548	1	2	7	25.457	41	8	44.36	4	9012	MAUI	8491	4	BA	6340
	12	24	5	22	44.3389	1	3	15	8.951	25	53	47.06	4	9012	MAUI	8491	10	BA	6341
	12	24	9	13	34.9884	1	22	56	2.120	-11	11	48.78	4	9005	TOKYO	7202	4	GL	6593
	12	24	9	13	46.9888	1	23	12	59.090	-12	55	10.22	4	9005	TOKYO	7202	10	GL	6594
	12	24	13	8	52.3481	1	23	9	13.436	21	20	7.94	4	9006	NAIN TAL	5845	3	DM	7453
	12	24	13	9	16.3487	1	23	59	5.856	16	6	18.35	4	9006	NAIN TAL	5845	9	DM	7454
	12	24	15	12	20.5625	1	23	12	29.561	-25	57	10.97	4	9006	NAIN TAL	5854	7	MY	5892
	12	24	15	12	36.1047	1	23	22	37.989	-27	42	47.91	4	9006	NAIN TAL	5854	9	MY	5893
	12	24	15	43	47.5056	1	8	10	59.138	-45	14	16.87	4	9003	WOOMERA	12006	3	BA	7816
	12	24	15	44	7.5048	1	8	26	16.345	-45	36	14.81	4	9003	WOOMERA	12006	8	BA	6112

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1962	12	24	17	49	54.5550	1	8	50	6.567	-57	40	12.20	4	9003	WOOMERA	12011	5	BA	6113
	12	24	17	49	58.5549	1	8	53	52.393	-57	41	58.80	4	9003	WOOMERA	12011	6	BA	6114
	12	25	8	42	2.3259	1	22	15	26.191	-	5	16 38.79	4	9005	TOKYO	7217	11	GL	6596
	12	25	13	10	7.2639	1	9	1	12.149	-17	11	34.47	4	9003	WOOMERA	12020	5	BA	6115
	12	25	13	10	11.2638	1	9	2	33.259	-17	18	35.25	4	9003	WOOMERA	12020	6	BA	6116
	12	25	14	41	27.3683	1	23	13	17.880	-28	40	0.06	4	9006	NAIN TAL	5867	7	HC	6301
	12	25	14	42	33.8490	1	0	5	8.880	-36	13	21.64	4	9006	NAIN TAL	5867	10	HC	6302
	12	25	15	12	2.2039	1	8	15	29.527	-43	1	43.46	4	9003	WOOMERA	12024	4	LD	6117
	12	25	15	12	6.1195	1	8	18	22.683	-43	5	15.81	4	9003	WOOMERA	12024	5	LD	6118
	12	25	16	39	56.3595	1	23	34	46.932	-33	51	21.52	4	9008	SHIRAZ	10485	7	BA	6335
	12	25	17	20	33.6967	1	11	5	19.286	-53	17	58.78	4	9003	WOOMERA	12029	3	LD	6119
	12	25	17	20	37.6967	1	11	8	4.563	-53	6	2.52	4	9003	WOOMERA	12029	4	LD	6120
	12	26	4	51	7.1292	1	5	59	10.322	-68	32	31.21	4	9007	AREQUIPA	7843	4	HC	6295
	12	26	4	51	47.1271	1	6	47	47.357	-69	46	28.09	4	9007	AREQUIPA	7843	9	HC	6296
	12	26	4	54	24.1596	1	7	18	47.618	-44	44	31.36	4	9011	VILLA DOLO	7769	4	LD	7820
	12	26	4	54	40.1590	1	7	31	53.794	-45	16	8.52	4	9011	VILLA DOLO	7769	6	LD	7047
	12	26	6	23	8.7460	1	23	50	12.243	-25	58	4.87	4	9012	MAUI	8511	3	PK	6342
	12	26	6	24	4.7446	1	0	43	40.223	-34	21	20.48	4	9012	MAUI	8511	10	PK	6343
	12	26	6	58	27.4799	1	6	58	27.102	-77	37	6.55	4	9007	AREQUIPA	7845	3	VD	6297
	12	26	6	58	59.4788	1	7	51	50.836	-78	23	15.56	4	9007	AREQUIPA	7845	7	VD	6298
	12	26	7	1	42.6632	1	9	6	58.397	-56	0	24.10	4	9011	VILLA DOLO	7775	2	RO	6600
	12	26	7	2	14.6623	1	9	36	0.017	-55	32	46.10	4	9011	VILLA DOLO	7775	8	RO	6601
	12	26	9	9	10.8804	1	12	29	52.278	-67	2	23.69	4	9007	AREQUIPA	7849	3	YK	7041
	12	26	9	9	42.8798	1	12	53	38.708	-65	2	46.62	4	9007	AREQUIPA	7849	7	YK	6299
	12	26	14	10	20.7954	1	23	9	25.962	-29	55	0.43	4	9006	NAIN TAL	5878	8	BN	6303
	12	26	14	10	35.2560	1	23	22	12.405	-31	46	31.34	4	9006	NAIN TAL	5878	9	BN	7050
	12	26	14	39	36.2953	1	7	48	58.385	-39	38	42.12	4	9003	WOOMERA	12033	2	HC	6285
	12	26	14	40	0.2947	1	8	6	22.238	-40	7	56.61	4	9003	WOOMERA	12033	8	RO	6286
	12	26	16	44	44.3791	1	7	42	41.641	-57	1	31.45	4	9003	WOOMERA	12037	3	AA	6889
	12	26	16	45	8.3784	1	8	5	59.923	-57	25	50.72	4	9003	WOOMERA	12037	9	AA	6890
	12	26	18	45	53.0985	1	5	42	33.579	-41	21	57.70	4	9003	WOOMERA	12041	4	AA	6891
	12	26	18	46	17.0983	1	5	52	12.078	-42	27	26.31	4	9003	WOOMERA	12041	10	AA	6892
	12	26	23	55	26.4820	1	23	9	47.804	-11	10	42.60	4	9010	JUPITER	8141	7	DU	6026
	12	26	23	55	28.4815	1	23	12	43.095	-11	35	44.55	4	9010	JUPITER	8141	8	DU	6027
	12	27	4	18	57.8572	1	5	53	37.405	-67	32	59.18	4	9007	AREQUIPA	7859	5	YK	7052
	12	27	4	19	13.8562	1	6	13	15.179	-68	4	6.08	4	9007	AREQUIPA	7859	7	YK	6330
	12	27	5	51	58.6073	1	23	58	6.966	-26	23	44.71	4	9012	MAUI	8519	3	PK	6344
	12	27	5	53	2.6033	1	1	9	16.031	-36	0	49.31	4	9012	MAUI	8519	11	PK	6345
	12	27	6	25	43.0740	1	6	4	59.342	-77	7	43.51	4	9007	AREQUIPA	7861	4	YK	7053
	12	27	6	29	35.2245	1	9	1	27.126	-56	9	58.54	4	9011	VILLA DOLO	7783	3	RO	6602
	12	27	6	29	51.2240	1	9	16	12.264	-55	53	31.59	4	9011	VILLA DOLO	7783	5	RO	6603
	12	27	8	36	29.3588	1	12	7	28.871	-68	51	1.06	4	9007	AREQUIPA	7864	3	YK	6332
	12	27	8	37	9.3574	1	12	37	43.288	-66	22	36.71	4	9007	AREQUIPA	7864	8	YK	6333
	12	28	1	44	2.1417	1	6	8	33.197	6	16	29.14	4	9011	VILLA DOLO	7791	3	DU	6604
	12	28	1	44	26.1420	1	6	20	58.645	4	0	41.12	4	9011	VILLA DOLO	7791	6	DU	6605

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1962	12	28	3	50	10.7271	1	6	56	20.013	-39	24	11.48	4	9011	VILLA DOLO	7797	3	LT	6606
	12	28	3	50	34.7259	1	7	15	53.206	-40	13	47.21	4	9011	VILLA DOLO	7797	6	LT	6607
	12	28	5	56	51.6868	1	8	21	36.405	-56	31	18.42	4	9011	VILLA DOLO	7802	3	LT	6608
	12	28	5	57	15.6855	1	8	44	50.783	-56	16	48.31	4	9011	VILLA DOLO	7802	6	LT	6609
	12	28	11	28	42.7021	1	6	2	25.143	16	15	29.89	4	9003	WOOMERA	12063	6	LT	6893
	12	28	11	28	58.7022	1	6	9	28.994	14	41	40.50	4	9003	WOOMERA	12063	10	LT	6894
	12	28	15	5	22.5476	1	22	26	42.411	-28	30	23.92	4	9008	SHIRAZ	10504	5	LD	6336
	12	28	15	5	38.5483	1	22	43	5.398	-30	53	41.24	4	9008	SHIRAZ	10504	7	LD	6337
	12	29	1	12	35.0347	1	6	9	40.364	8	34	39.18	4	9011	VILLA DOLO	7807	3	LT	6610
	12	29	1	12	59.0347	1	6	21	20.857	6	17	56.42	4	9011	VILLA DOLO	7807	6	LT	6611
	12	29	3	17	49.2235	1	6	30	47.356	-35	8	1.06	4	9011	VILLA DOLO	7814	4	DM	6597
	12	29	3	17	53.2235	1	6	34	5.123	-35	19	59.41	4	9011	VILLA DOLO	7814	5	DM	6598
	12	29	5	24	39.6031	1	8	10	46.664	-56	25	42.88	4	9011	VILLA DOLO	7817	4	BA	6599
	12	29	10	58	19.2446	1	6	24	24.100	12	2	24.79	4	9003	WOOMERA	12066	4	LT	6895
	12	29	10	58	39.2450	1	6	31	59.788	10	16	19.66	4	9003	WOOMERA	12066	9	LT	6896
	12	29	15	7	29.8285	1	6	24	10.209	-54	34	4.78	4	9003	WOOMERA	12076	4	LT	6897
	12	29	15	7	57.8274	1	6	53	40.713	-55	24	40.03	4	9003	WOOMERA	12076	11	LT	6898
	12	29	17	15	19.6388	1	9	3	43.912	-55	36	0.22	4	9003	WOOMERA	12080	2	LD	5910
	12	29	17	15	43.6381	1	9	25	16.478	-54	51	25.90	4	9003	WOOMERA	12080	8	LD	5911
	12	29	18	43	9.6195	1	2	8	34.974	37	38	56.96	4	9002	OLIFANTS	10382	13	LT	6438
	12	30	0	30	13.3278	1	23	21	29.850	-40	43	49.79	4	9009	CURACAO	6617	5	YK	9654
	12	30	0	30	37.3267	10	23	40	1.374	-44	25	49.67	4	9009	CURACAO	6617	8	YK	6133
	12	30	18	52	20.0096	1	11	10	40.452	-25	47	57.50	4	9003	WOOMERA	12101	3	VD	6220
	12	30	18	52	36.0091	1	11	18	41.083	-24	41	16.20	4	9003	WOOMERA	12101	7	VD	6221
	12	30	22	26	5.2693	1	4	5	25.160	-62	13	46.15	4	9002	OLIFANTS	10405	35	LT	6439
	12	30	23	58	13.9714	1	22	47	4.524	-34	39	57.28	4	9009	CURACAO	6628	2	YK	6134
	12	30	23	58	37.9674	1	23	7	17.227	-39	7	56.65	4	9009	CURACAO	6628	5	YK	6135
	12	31	2	13	8.7635	1	5	35	26.787	-23	13	35.82	4	9011	VILLA DOLO	7830	3	LT	7054
	12	31	2	13	36.2371	1	5	58	22.934	-25	21	55.79	4	9011	VILLA DOLO	7830	7	LT	6613
	12	31	4	19	55.9716	1	7	23	57.934	-55	44	9.00	4	9011	VILLA DOLO	7834	3	LT	6614
	12	31	4	20	12.1052	1	7	41	21.289	-55	36	12.00	4	9011	VILLA DOLO	7834	5	LT	6615
	12	31	6	27	48.5603	1	9	54	51.619	-49	8	17.81	4	9011	VILLA DOLO	7839	3	LT	6616
	12	31	6	28	20.6617	1	10	17	37.872	-47	14	39.79	4	9011	VILLA DOLO	7839	7	LT	6617
	12	31	18	26	47.8666	1	13	26	28.089	- 1	27	24.80	4	9003	WOOMERA	12119	3	PK	6222
	12	31	18	27	43.8657	1	13	39	48.672	1	27	47.93	4	9003	WOOMERA	12119	10	PK	6223

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	9	0	31	54.1457	1	8	1	21.769	44	10	43.92	4	9004	SAN FERNAN	5121	5	LE	2188
	3	9	0	32	26.1450	1	8	3	49.121	41	24	33.02	4	9004	SAN FERNAN	5121	9	LE	2189
	3	9	3	13	32.2961	1	14	20	21.558	67	53	0.47	4	9010	JUPITER	5809	4	PL	2886
	3	9	3	14	4.2966	1	14	3	20.877	67	0	42.67	4	9010	JUPITER	5809	6	PL	2887
	3	9	3	17	36.3580	1	12	34	17.757	57	48	25.55	4	9010	JUPITER	5810	4	PL	2888
	3	9	3	18	24.3588	1	12	19	36.402	54	59	13.74	4	9010	JUPITER	5810	7	PL	3651
	3	9	5	57	57.2952	1	5	16	40.779	67	24	1.74	4	9010	JUPITER	5811	3	PL	2889
	3	9	5	58	45.2957	1	5	37	46.850	65	21	26.88	4	9010	JUPITER	5811	6	PL	2890
	3	9	11	28	44.5998	3	14	46	8.508	54	54	0.22	4	9005	TOKYO	5231	6	PK	1959
	3	9	11	29	46.5960	3	14	25	0.269	53	14	33.44	4	9005	TOKYO	5231	12	PK	1960
	3	9	11	35	36.1991	3	12	51	32.745	37	49	16.31	4	9005	TOKYO	5232	7	PL	2814
	3	9	11	36	13.9888	3	12	44	5.528	35	38	49.72	4	9005	TOKYO	5232	14	PL	3905
	3	9	14	12	15.3235	3	0	5	53.575	84	8	12.59	4	9005	TOKYO	5234	5	BN	2816
	3	9	14	13	18.2642	3	2	49	50.333	85	50	1.75	4	9005	TOKYO	5234	11	BN	2817
	3	9	14	21	17.9871	3	8	32	41.136	52	42	44.60	4	9005	TOKYO	5235	5	BN	2818
	3	9	14	22	19.5769	3	8	35	12.468	47	5	22.56	4	9005	TOKYO	5235	11	BN	2819
	3	9	14	58	43.2624	1	6	43	10.233	-36	2	27.48	4	9003	WOOMERA	8599	4	FC	2147
	3	9	14	59	7.2614	1	6	38	22.570	-37	31	47.58	4	9003	WOOMERA	8599	7	FC	2148
	3	9	19	54	22.8178	1	8	47	58.857	57	26	10.97	4	9008	SHIRAZ	7004	5	BN	2947
	3	9	19	54	42.8181	1	8	48	12.976	55	42	7.52	4	9008	SHIRAZ	7004	10	BN	3255
	3	10	2	5	25.1824	1	10	37	45.353	-61	35	25.44	4	9011	VILLA DOLO	5150	4	FC	4873
	3	10	2	5	41.1824	1	10	38	17.317	-63	1	1.19	4	9011	VILLA DOLO	5150	6	FC	3449
	3	10	4	6	4.5454	1	14	51	38.551	83	59	16.24	4	9010	JUPITER	5823	2	PL	2891
	3	10	4	6	52.5467	1	13	19	15.054	83	2	46.28	4	9010	JUPITER	5823	5	PL	2892
	3	10	4	12	2.8875	1	10	13	31.140	64	32	6.16	4	9010	JUPITER	5824	3	LE	2893
	3	10	4	12	26.8876	1	10	9	21.256	62	40	1.14	4	9010	JUPITER	5824	6	LE	3968
	3	10	4	12	27.1503	1	7	29	14.708	70	22	5.75	4	9009	CURACAO	4687	3	BN	3256
	3	10	4	48	32.6853	1	6	38	27.676	-30	50	19.19	4	9011	VILLA DOLO	5156	2	LE	3450
	3	10	4	48	56.6849	1	6	34	20.707	-32	13	50.01	4	9011	VILLA DOLO	5156	5	LE	4874
	3	10	6	53	38.4601	1	6	2	10.904	51	39	54.74	4	9010	JUPITER	5826	4	FC	3284
	3	10	6	53	54.4605	1	6	5	42.147	50	54	19.89	4	9010	JUPITER	5826	5	FC	3285
	3	10	6	55	14.4840	1	6	21	28.749	46	55	56.14	4	9010	JUPITER	5827	2	GL	3269
	3	10	6	55	30.4837	1	6	24	17.216	46	6	26.31	4	9010	JUPITER	5827	3	GL	3270
	3	10	15	8	23.6281	3	5	17	25.761	70	9	52.67	4	9005	TOKYO	5243	7	VD	2820
	3	10	18	36	25.0911	1	12	2	56.166	-31	40	10.25	4	9002	OLIFANTS	6427	2	GL	1835
	3	10	18	38	35.0370	1	12	15	12.910	-41	20	4.08	4	9002	OLIFANTS	6427	15	GL	1836
	3	10	18	44	14.9992	10	13	28	31.528	-63	30	59.66	4	9002	OLIFANTS	6428	2	RO	1837
	3	10	18	44	22.9994	10	13	31	30.183	-63	56	10.70	4	9002	OLIFANTS	6428	3	RO	1838
	3	10	20	41	51.2736	1	5	20	8.773	72	6	24.20	4	9008	SHIRAZ	7018	3	GL	2874
	3	10	20	41	55.2736	1	5	22	39.001	71	56	36.10	4	9008	SHIRAZ	7018	4	GL	2875
	3	10	20	48	58.2434	10	7	26	29.684	45	15	5.72	4	9008	SHIRAZ	7019	5	GL	2872
	3	10	20	49	6.2436	10	7	27	24.070	44	38	30.44	4	9008	SHIRAZ	7019	7	GL	2873
	3	10	21	21	4.4929	1	7	52	22.547	-32	20	16.54	4	9002	OLIFANTS	6441	19	RO	1839
	3	10	21	21	28.4941	1	7	48	29.539	-34	21	10.79	4	9002	OLIFANTS	6441	22	RO	1840
	3	10	21	24	6.2982	1	7	17	25.984	-46	35	57.14	4	9002	OLIFANTS	6442	9	GL	1841

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	3	11	2	15	57.9191	1	14	23	17.883	56	5	38.91	4	9010	JUPITER	5838 2	LE	3652
	3	11	2	16	45.9213	1	14	8	7.539	54	37	49.01	4	9010	JUPITER	5838 5	LE	2896
	3	11	2	20	30.6649	1	13	8	18.145	45	14	12.89	4	9010	JUPITER	5839 4	LE	2897
	3	11	2	20	54.6654	1	13	3	0.018	44	0	17.80	4	9010	JUPITER	5839 7	LE	2898
	3	11	2	55	41.8316	3	9	40	49.663	-63	17	20.18	4	9007	AREQUIPA	5309 9	GN	2949
	3	11	2	56	13.8310	3	9	36	50.768	-65	36	41.19	4	9007	AREQUIPA	5309 13	GN	2950
	3	11	2	59	32.2659	1	7	52	52.865	-61	1	9.17	4	9011	VILLA DOLO	5165 3	LE	3452
	3	11	2	59	56.2662	1	7	44	27.345	-62	48	23.91	4	9011	VILLA DOLO	5165 6	LE	3453
	3	11	5	0	37.0774	1	5	42	31.758	79	6	33.85	4	9010	JUPITER	5840 7	LE	2899
	3	11	5	6	41.9522	1	7	51	46.643	55	36	43.75	4	9010	JUPITER	5841 3	BN	3434
	3	11	5	7	13.9524	1	7	55	1.473	53	3	56.36	4	9010	JUPITER	5841 7	BN	3435
	3	11	7	53	16.5722	1	12	58	30.612	54	8	41.57	4	9012	MAUI	5734 3	FC	3409
	3	11	7	53	24.5875	1	12	56	22.988	53	45	3.92	4	9012	MAUI	5734 4	FC	3410
	3	11	10	34	26.9371	1	5	47	31.382	69	39	15.10	4	9012	MAUI	5735 4	PL	3478
	3	11	10	34	58.9369	1	6	0	39.673	68	11	32.70	4	9012	MAUI	5735 8	PL	3479
	3	11	10	38	35.8831	1	6	57	38.154	56	0	39.93	4	9012	MAUI	5736 3	VD	3480
	3	11	10	38	59.8829	1	7	1	34.042	54	28	15.83	4	9012	MAUI	5736 6	VD	3481
	3	11	13	16	29.0605	3	15	25	25.280	81	4	11.91	4	9005	TOKYO	5260 6	VD	3906
	3	11	13	17	31.9618	3	13	48	44.093	80	2	9.64	4	9005	TOKYO	5260 12	VD	2822
	3	11	13	24	39.3530	3	10	19	7.079	49	49	14.34	4	9005	TOKYO	5261 7	BN	2823
	3	11	13	25	32.3063	3	10	12	16.826	44	50	49.77	4	9005	TOKYO	5261 12	BN	2824
	3	11	13	55	17.8460	1	8	27	25.989	-14	59	32.48	4	9003	WOOMERA	8636 7	FC	2149
	3	11	13	56	11.4002	1	8	21	10.098	-19	49	47.15	4	9003	WOOMERA	8636 12	FC	2150
	3	11	14	1	55.3357	1	7	18	41.280	-49	0	47.70	4	9003	WOOMERA	8637 3	BN	2151
	3	11	14	2	43.8814	1	7	4	55.992	-52	26	35.78	4	9003	WOOMERA	8637 9	BN	2152
	3	11	15	57	28.2890	3	3	14	28.720	66	14	49.89	4	9005	TOKYO	5262 5	VD	2825
	3	11	16	3	7.6643	3	5	50	43.096	56	21	15.18	4	9005	TOKYO	5263 3	VD	2826
	3	11	16	10	34.9378	3	7	13	23.890	30	35	40.19	4	9005	TOKYO	5264 4	GL	2827
	3	11	16	11	13.3291	3	7	16	56.780	28	14	53.50	4	9005	TOKYO	5264 6	GL	2828
	3	11	18	56	28.6675	1	11	5	34.445	58	56	10.24	4	9008	SHIRAZ	7025 3	GL	2876
	3	11	18	56	40.6677	1	11	2	39.971	58	0	17.76	4	9008	SHIRAZ	7025 6	GL	3650
	3	11	19	27	29.9725	10	11	3	28.554	-23	9	22.46	4	9002	OLIFANTS	6449 11	LE	1842
	3	11	19	28	1.9694	10	11	3	42.162	-26	8	40.62	4	9002	OLIFANTS	6449 15	LE	1843
	3	12	0	59	14.4065	1	11	29	22.243	-10	46	48.87	4	9011	VILLA DOLO	5174 5	LE	3454
	3	12	0	59	30.4063	1	11	29	45.760	-11	59	14.73	4	9011	VILLA DOLO	5174 7	LE	3455
	3	12	1	6	19.5934	1	11	55	58.180	-45	25	7.87	4	9011	VILLA DOLO	5175 2	LE	3456
	3	12	1	6	59.5943	1	12	1	22.700	-48	41	0.58	4	9011	VILLA DOLO	5175 7	LE	3457
	3	12	3	9	17.1579	1	14	10	20.131	46	22	42.28	4	9001	ORGAN PASS	5251 3	GN	1764
	3	12	3	9	33.1522	1	14	6	29.069	45	51	28.10	4	9001	ORGAN PASS	5251 5	GN	1765
	3	12	3	11	38.3985	1	13	38	31.691	41	15	19.88	4	9001	ORGAN PASS	5252 5	GN	2798
	3	12	3	11	54.3924	1	13	35	14.778	40	36	13.83	4	9001	ORGAN PASS	5252 7	GN	1767
	3	12	3	15	1.6851	1	13	1	25.663	32	1	58.91	4	9001	ORGAN PASS	5253 4	PL	1829
	3	12	3	15	13.4758	1	10	34	38.749	73	38	29.34	4	9009	CURACAO	4710 3	BN	3257
	3	12	5	53	30.6760	1	14	9	2.014	85	6	31.58	4	9001	ORGAN PASS	5255 6	PT	2330
	3	12	5	53	34.6761	1	13	58	10.835	85	1	25.49	4	9001	ORGAN PASS	5255 7	PT	2797

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	12	6	1	18.4169	1	9	44	52.934	51	53	32.77	4	9001	ORGAN PASS	5256	5	GL	1804
	3	12	6	1	30.4178	1	9	43	51.205	50	46	47.78	4	9001	ORGAN PASS	5256	8	GL	1805
	3	12	8	35	37.7754	1	4	23	9.648	62	27	24.24	4	9001	ORGAN PASS	5258	3	PL	1830
	3	12	8	36	25.7799	1	4	43	48.243	61	12	31.31	4	9001	ORGAN PASS	5258	9	PL	1831
	3	12	8	40	27.3192	1	6	3	2.757	51	41	58.29	4	9001	ORGAN PASS	5259	8	PL	2796
	3	12	8	40	43.3201	1	6	6	55.263	50	55	35.00	4	9001	ORGAN PASS	5259	10	PL	1807
	3	12	8	46	6.6664	1	7	0	6.353	33	27	44.81	4	9001	ORGAN PASS	5260	2	LE	1758
	3	12	8	47	10.6613	1	7	6	32.167	29	49	30.96	4	9001	ORGAN PASS	5260	6	LE	1759
	3	12	11	25	50.7575	30	14	35	35.164	54	49	51.42	4	9005	TOKYO	5283	11	GL	6260
	3	12	11	32	51.8122	3	12	41	23.613	35	34	8.72	4	9005	TOKYO	5284	8	PL	3908
	3	12	11	33	51.9188	3	12	30	25.966	31	50	10.02	4	9005	TOKYO	5284	14	PL	2831
	3	12	12	3	44.6254	1	11	2	56.376	-15	46	51.37	4	9003	WOOMERA	8651	12	BN	2803
	3	12	12	11	3.9724	1	11	20	51.989	-56	17	19.34	4	9003	WOOMERA	8653	11	BN	2804
	3	12	12	11	58.6377	1	11	27	33.224	-60	59	47.98	4	9003	WOOMERA	8653	19	BN	3814
	3	12	14	9	55.9311	3	3	56	8.147	84	21	33.22	4	9005	TOKYO	5285	6	PL	2832
	3	12	14	11	31.9228	3	6	41	27.577	80	30	47.33	4	9005	TOKYO	5285	11	PL	6261
	3	12	14	18	56.2464	3	8	29	19.468	45	5	0.34	4	9005	TOKYO	5286	5	FC	2833
	3	12	14	20	16.4584	3	8	32	13.185	37	42	53.93	4	9005	TOKYO	5286	13	FC	2834
	3	12	14	49	26.6208	1	7	32	9.464	-12	15	45.46	4	9003	WOOMERA	8657	12	YK	2192
	3	12	14	54	45.5875	1	6	46	9.689	-34	1	59.65	4	9003	WOOMERA	8658	4	YK	3898
	3	12	14	56	36.9237	1	6	23	34.645	-40	37	6.86	4	9003	WOOMERA	8658	19	YK	4868
	3	12	22	30	32.7782	3	13	47	30.925	71	36	17.66	4	9004	SAN FERNAN	5124	19	FC	2212
	3	12	22	31	4.7786	3	13	24	42.488	70	21	1.15	4	9004	SAN FERNAN	5124	23	FC	2213
	3	12	22	37	3.0978	3	11	8	54.417	45	38	42.55	4	9004	SAN FERNAN	5125	6	VD	2220
	3	12	22	37	58.5979	3	10	59	1.054	40	43	21.42	4	9004	SAN FERNAN	5125	11	VD	2221
	3	13	1	14	59.4799	3	5	41	14.078	62	13	47.84	4	9004	SAN FERNAN	5126	5	LE	2216
	3	13	1	15	7.4798	3	5	44	30.927	61	50	44.78	4	9004	SAN FERNAN	5126	6	LE	2217
	3	13	1	59	12.7945	1	10	26	49.181	-47	47	58.89	4	9011	VILLA DOLO	5189	2	PK	3458
	3	13	1	59	52.7956	1	10	26	19.309	-51	42	20.14	4	9011	VILLA DOLO	5189	7	PK	3459
	3	13	4	1	51.8163	1	14	56	27.948	58	58	13.49	4	9001	ORGAN PASS	5272	4	VD	1772
	3	13	4	3	20.1800	1	14	22	56.977	56	41	24.65	4	9001	ORGAN PASS	5272	12	VD	1773
	3	13	4	7	56.2509	1	12	59	33.894	44	37	15.43	4	9001	ORGAN PASS	5273	4	GN	1770
	3	13	4	9	47.3157	1	12	35	20.032	37	59	2.17	4	9001	ORGAN PASS	5273	16	GN	1771
	3	13	4	9	54.5380	1	7	31	8.454	65	33	49.13	4	9009	CURACAO	4722	5	RO	3258
	3	13	4	10	26.5378	1	7	35	31.890	63	39	10.30	4	9009	CURACAO	4722	7	RO	3259
	3	13	4	39	17.7053	3	7	6	24.913	-29	19	8.95	4	9007	AREQUIPA	5331	11	VD	2935
	3	13	4	39	25.7051	3	7	5	22.646	-29	50	30.58	4	9007	AREQUIPA	5331	12	VD	2936
	3	13	4	42	32.7897	3	6	37	5.650	-41	1	46.86	4	9007	AREQUIPA	5332	5	PL	2937
	3	13	4	42	48.7895	3	6	34	16.790	-41	53	13.08	4	9007	AREQUIPA	5332	6	PL	2938
	3	13	6	46	3.4736	1	3	28	2.604	80	43	29.06	4	9001	ORGAN PASS	5275	4	BN	1751
	3	13	6	47	29.2933	1	5	19	44.795	78	37	37.57	4	9001	ORGAN PASS	5275	12	BN	1752
	3	13	6	55	54.8086	1	8	3	54.674	42	46	5.43	4	9001	ORGAN PASS	5276	8	GL	1802
	3	13	6	56	10.8132	1	8	4	59.750	41	23	15.75	4	9001	ORGAN PASS	5276	12	GL	1803
	3	13	10	18	56.5172	1	12	35	1.655	-35	27	28.01	4	9003	WOOMERA	8664	2	BN	2155
	3	13	10	27	42.6811	1	14	51	13.710	-61	55	1.92	4	9003	WOOMERA	8665	12	YK	3899

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	13	12	18	51.4369	3	15	21	28.746	68	14	24.54	4	9005	TOKYO	5300	4	FC	2835
	3	13	12	20	31.9102	3	14	20	32.116	66	10	22.13	4	9005	TOKYO	5300	14	FC	2836
	3	13	12	27	21.0711	3	11	47	50.022	42	38	19.75	4	9005	TOKYO	5301	4	LE	2837
	3	13	12	28	44.3016	3	11	31	50.135	35	53	13.96	4	9005	TOKYO	5301	12	LE	2838
	3	13	12	57	26.5670	1	9	46	11.882	-15	28	36.96	4	9003	WOOMERA	8668	13	YK	2195
	3	13	13	4	38.4066	1	9	0	31.087	-58	10	38.55	4	9003	WOOMERA	8670	3	YK	3900
	3	13	13	4	50.4061	1	8	58	8.615	-59	14	10.48	4	9003	WOOMERA	8670	6	YK	2197
	3	13	15	3	44.3152	3	4	40	36.548	71	8	13.38	4	9005	TOKYO	5302	4	LE	3816
	3	13	15	5	10.7020	3	5	34	17.825	67	47	19.05	4	9005	TOKYO	5302	13	LE	2840
	3	13	15	13	16.1609	3	7	34	38.804	35	31	41.01	4	9005	TOKYO	5303	4	GL	2841
	3	13	15	14	33.0708	3	7	41	6.238	29	46	21.88	4	9005	TOKYO	5303	12	GL	2842
	3	13	15	45	29.1023	1	6	57	30.274	-16	7	12.67	4	9003	WOOMERA	8673	5	YK	2198
	3	13	15	46	1.1017	1	6	54	2.979	-17	52	6.42	4	9003	WOOMERA	8673	9	YK	2199
	3	13	15	49	29.8544	1	6	27	17.191	-28	45	19.54	4	9003	WOOMERA	8674	3	YK	2200
	3	13	15	49	53.8536	1	6	23	41.790	-29	55	42.26	4	9003	WOOMERA	8674	6	YK	2201
	3	13	20	39	23.5780	3	14	3	22.833	47	9	36.46	4	9004	SAN FERNAN	5138	5	PL	2224
	3	13	20	41	40.5293	3	13	29	23.822	41	33	55.81	4	9004	SAN FERNAN	5138	13	PL	2225
	3	13	20	46	24.7475	3	12	36	41.067	26	36	24.07	4	9004	SAN FERNAN	5139	10	FC	2208
	3	13	20	46	40.7476	3	12	34	19.839	25	40	12.27	4	9004	SAN FERNAN	5139	12	FC	2209
	3	13	23	22	57.7892	3	10	52	1.136	87	10	48.43	4	9004	SAN FERNAN	5141	3	LE	2214
	3	13	23	23	53.7890	3	9	57	23.174	83	28	3.10	4	9004	SAN FERNAN	5141	10	LE	2215
	3	14	2	18	41.2532	1	12	35	23.261	62	33	7.78	4	9009	CURACAO	4732	3	RO	3260
	3	14	2	18	57.2533	1	12	30	42.382	61	49	39.94	4	9009	CURACAO	4732	4	RO	3969
	3	14	2	51	26.8595	3	9	30	55.578	-60	42	49.76	4	9007	AREQUIPA	5342	3	LE	2866
	3	14	2	52	6.8586	3	9	25	13.203	-63	40	28.31	4	9007	AREQUIPA	5342	8	LE	2867
	3	14	5	3	31.6534	1	11	36	18.524	48	48	24.38	4	9001	ORGAN PASS	5285	3	RO	1745
	3	14	5	4	32.4819	1	11	23	34.306	43	51	23.86	4	9001	ORGAN PASS	5285	11	RO	1746
	3	14	10	31	27.2920	3	13	35	45.201	39	13	49.24	4	9005	TOKYO	5306	2	VD	2901
	3	14	10	36	38.7568	3	12	44	0.067	24	20	14.29	4	9005	TOKYO	5307	7	GL	2902
	3	14	13	22	50.2354	3	9	58	22.113	39	33	52.25	4	9005	TOKYO	5309	5	GL	7231
	3	14	13	23	19.0325	3	9	55	55.628	36	44	42.05	4	9005	TOKYO	5309	8	GL	2904
	3	14	13	57	31.8562	1	7	24	35.816	-44	44	13.54	4	9003	WOOMERA	8689	3	FC	2210
	3	14	13	58	7.8550	1	7	15	41.095	-47	23	43.30	4	9003	WOOMERA	8689	10	FC	2211
	3	14	19	27	37.9697	1	11	1	6.430	-45	15	22.87	4	9002	OLIFANTS	6465	4	LE	1844
	3	14	19	28	17.9713	1	11	2	16.872	-48	56	50.96	4	9002	OLIFANTS	6465	9	LE	1845
	3	14	19	29	29.9735	1	11	5	18.168	-55	23	27.02	4	9002	OLIFANTS	6465	17	LE	1846
	3	14	22	9	22.4532	1	7	16	54.819	-16	7	18.92	4	9002	OLIFANTS	6471	20	VD	2156
	3	14	22	12	3.0068	1	6	56	57.521	-26	36	50.47	4	9002	OLIFANTS	6472	5	VD	2157
	3	15	0	17	7.0746	3	5	33	39.300	74	37	4.96	4	9004	SAN FERNAN	5156	6	LE	2190
	3	15	0	17	23.0741	3	5	45	55.832	73	52	33.65	4	9004	SAN FERNAN	5156	8	LE	2191
	3	15	0	26	27.9792	3	8	2	26.365	33	22	13.19	4	9004	SAN FERNAN	5157	5	FC	2811
	3	15	0	55	19.3010	3	12	13	13.246	-26	9	13.14	4	9007	AREQUIPA	5350	13	PL	2939
	3	15	0	55	27.3011	3	12	13	36.622	-26	42	30.33	4	9007	AREQUIPA	5350	14	PL	2940
	3	15	0	58	15.7493	3	12	24	38.526	-38	15	55.34	4	9007	AREQUIPA	5351	4	BN	2933
	3	15	0	59	11.7493	3	12	29	48.836	-41	59	45.23	4	9007	AREQUIPA	5351	11	BN	2934

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	15	5	49	34.6001	1	14	41	53.282	86	48	5.09	4	9001	ORGAN PASS	5289	2	LE	1762
	3	15	5	50	34.0726	1	11	46	57.311	84	39	51.51	4	9001	ORGAN PASS	5289	11	LE	1763
	3	15	5	58	17.8168	1	9	32	21.522	48	14	52.64	4	9001	ORGAN PASS	5290	6	GN	1768
	3	15	5	59	7.1823	1	9	29	37.751	43	31	13.04	4	9001	ORGAN PASS	5290	13	GN	1769
	3	15	8	33	7.7009	1	4	58	22.106	59	44	17.38	4	9001	ORGAN PASS	5292	5	VD	1761
	3	15	8	37	29.8621	1	6	16	2.390	48	50	5.71	4	9001	ORGAN PASS	5293	3	VD	8141
	3	15	8	37	37.8639	1	6	17	45.137	48	26	21.55	4	9001	ORGAN PASS	5293	4	VD	1818
	3	15	8	43	4.6930	1	7	6	3.111	30	49	4.57	4	9001	ORGAN PASS	5294	3	VD	1817
	3	15	12	6	51.5998	1	11	10	6.123	-54	19	47.86	4	9003	WOOMERA	8701	5	YK	2202
	3	15	12	7	7.5996	1	11	11	18.493	-55	46	35.34	4	9003	WOOMERA	8701	9	YK	2203
	3	15	14	8	6.0008	3	6	37	19.764	78	33	0.98	4	9005	TOKYO	5318	12	HC	2408
	3	15	14	8	44.2867	3	7	4	20.267	76	13	2.91	4	9005	TOKYO	5318	16	HC	2409
	3	15	20	17	52.5008	1	9	25	21.951	-25	27	59.47	4	9002	OLIFANTS	6488	6	LE	2158
	3	15	20	18	0.5012	1	9	24	38.234	-26	16	50.02	4	9002	OLIFANTS	6488	7	LE	2159
	3	15	20	22	39.3756	1	8	48	39.108	-53	5	9.24	4	9002	OLIFANTS	6489	2	LE	7039
	3	15	20	23	3.3758	1	8	44	1.136	-55	8	21.20	4	9002	OLIFANTS	6489	5	LE	2160
	3	15	22	24	47.7095	3	15	40	55.134	75	36	38.95	4	9004	SAN FERNAN	5162	11	PL	2222
	3	15	22	25	27.7099	3	15	1	19.877	75	16	9.16	4	9004	SAN FERNAN	5162	16	PL	2223
	3	15	22	33	34.7015	3	10	59	47.435	45	24	30.41	4	9004	SAN FERNAN	5163	6	PL	2812
	3	15	22	34	46.7008	3	10	48	10.343	38	49	47.77	4	9004	SAN FERNAN	5163	15	PL	2813
	3	16	1	49	10.7777	3	11	26	20.771	-32	25	21.87	4	9007	AREQUIPA	5367	7	FC	2945
	3	16	1	49	18.7774	3	11	26	28.900	-33	7	32.15	4	9007	AREQUIPA	5367	8	FC	2946
	3	16	1	49	26.1828	3	10	28	27.904	-11	49	7.08	4	9011	VILLA DOLO	5203	5	GL	3460
	3	16	1	49	34.1827	3	10	28	14.171	-12	33	41.48	4	9011	VILLA DOLO	5203	6	GL	3461
	3	16	1	53	60.0043	3	11	38	55.665	-56	15	7.27	4	9007	AREQUIPA	5368	4	LE	2941
	3	16	1	54	8.0041	3	11	39	36.147	-56	51	5.55	4	9007	AREQUIPA	5368	5	LE	2942
	3	16	4	0	35.3046	1	14	6	41.544	56	9	7.77	4	9001	ORGAN PASS	5309	4	PL	1810
	3	16	4	0	43.3041	1	14	3	50.530	55	51	43.50	4	9001	ORGAN PASS	5309	6	PL	1811
	3	16	4	0	51.0270	1	10	38	48.858	81	8	12.02	4	9010	JUPITER	5869	3	BN	3436
	3	16	4	1	23.0281	1	10	23	34.196	79	10	7.33	4	9010	JUPITER	5869	5	BN	3437
	3	16	4	7	51.4748	1	12	15	21.226	31	59	56.49	4	9001	ORGAN PASS	5310	4	BN	1808
	3	16	4	7	57.1346	1	9	28	58.455	48	15	12.64	4	9010	JUPITER	5870	2	RO	3438
	3	16	4	7	59.4713	1	12	14	0.936	31	25	57.98	4	9001	ORGAN PASS	5310	6	BN	1809
	3	16	4	8	21.1354	1	9	27	38.308	46	1	37.36	4	9010	JUPITER	5870	5	RO	3439
	3	16	4	35	22.6547	3	7	7	13.019	-27	32	11.37	4	9007	AREQUIPA	5372	8	GN	2853
	3	16	4	35	38.6545	3	7	5	14.482	-28	34	5.30	4	9007	AREQUIPA	5372	10	GN	2854
	3	16	4	36	54.6475	3	7	14	39.476	-13	53	14.53	4	9011	VILLA DOLO	5208	6	GL	3462
	3	16	4	38	7.0007	3	6	44	21.408	-37	29	32.60	4	9007	AREQUIPA	5373	5	GN	2855
	3	16	4	38	31.0009	3	6	40	30.886	-38	49	12.13	4	9007	AREQUIPA	5373	8	GN	2856
	3	16	6	45	31.7598	1	6	30	55.200	72	18	4.74	4	9001	ORGAN PASS	5311	4	RO	1796
	3	16	6	45	39.7607	1	6	35	2.792	71	50	8.93	4	9001	ORGAN PASS	5311	6	RO	1797
	3	16	12	16	58.7016	3	14	18	25.201	67	26	9.84	4	9005	TOKYO	5321	4	HC	2066
	3	16	12	17	17.8982	3	14	6	55.065	66	49	35.50	4	9005	TOKYO	5321	6	HC	2067
	3	16	12	25	40.4839	3	11	21	20.178	33	38	22.90	4	9005	TOKYO	5322	5	VD	2905
	3	16	12	26	34.9698	3	11	13	10.444	28	52	38.84	4	9005	TOKYO	5322	10	VD	2906

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1962	3	16	15	1	27.9484	3	5	34	12.755	66	45	33.06	4	9005	TOKYO	5323	2	VD	2907
	3	16	15	2	6.3841	3	5	52	42.192	64	54	44.22	4	9005	TOKYO	5323	6	VD	2908
	3	16	15	12	5.3568	3	7	45	12.330	24	4	40.84	4	9005	TOKYO	5324	5	VD	3903
	3	16	18	26	9.9581	1	11	51	19.427	-19	27	57.05	4	9002	OLIFANTS	6501	5	LE	2161
	3	16	18	26	41.9565	1	11	52	37.819	-21	56	7.77	4	9002	OLIFANTS	6501	9	LE	2162
	3	16	18	31	24.7869	10	12	13	56.585	-44	2	24.93	4	9002	OLIFANTS	6503	4	LE	2163
	3	16	18	31	40.7878	10	12	15	53.718	-45	15	24.90	4	9002	OLIFANTS	6503	6	LE	2164
	3	16	18	35	35.2431	1	13	2	4.088	-61	36	19.60	4	9002	OLIFANTS	6504	8	VD	3815
	3	16	20	44	24.3300	3	12	23	43.304	21	17	22.17	4	9004	SAN FERNAN	5168	6	PK	1961
	3	17	0	5	23.9682	3	12	30	49.164	-39	26	54.62	4	9011	VILLA DOLO	5220	7	GL	3463
	3	17	2	43	18.4719	3	9	47	9.748	-37	34	45.36	4	9007	AREQUIPA	5385	6	FC	2947
	3	17	2	43	25.8636	3	9	6	7.953	-11	25	49.58	4	9011	VILLA DOLO	5226	8	FC	3464
	3	17	2	43	41.8634	3	9	4	39.718	-12	55	57.47	4	9011	VILLA DOLO	5226	10	FC	3465
	3	17	2	43	58.4708	3	9	43	46.480	-41	21	46.37	4	9007	AREQUIPA	5385	11	FC	2948
	3	17	2	47	54.3013	3	9	15	55.895	-61	8	53.09	4	9007	AREQUIPA	5386	3	VD	4103
	3	17	2	48	42.3006	3	9	7	20.973	-64	35	46.98	4	9007	AREQUIPA	5386	9	VD	2857
	3	17	2	49	35.0543	3	8	15	39.608	-46	26	25.22	4	9011	VILLA DOLO	5227	5	FC	3974
	3	17	2	49	59.0537	3	8	10	26.776	-48	31	42.11	4	9011	VILLA DOLO	5227	8	FC	3975
	3	17	7	40	9.2400	1	6	16	47.652	57	11	26.42	4	9001	ORGAN PASS	5330	4	RO	1800
	3	17	7	40	29.2340	1	6	22	25.509	56	4	14.22	4	9001	ORGAN PASS	5330	9	RO	1801
	3	17	10	29	22.9052	1	6	30	5.458	60	32	10.75	4	9012	MAUI	5741	3	VD	3980
	3	17	10	29	54.9053	1	6	37	38.916	58	44	54.76	4	9012	MAUI	5741	7	VD	6675
	3	17	11	9	58.5356	1	12	23	24.293	-48	36	37.81	4	9003	WOOMERA	8716	7	VD	2235
	3	17	11	10	18.5349	1	12	26	50.703	-50	6	37.86	4	9003	WOOMERA	8716	12	VD	2236
	3	17	13	10	16.4583	3	13	8	29.871	82	38	7.77	4	9005	TOKYO	5340	8	FC	2912
	3	17	13	11	19.5208	3	11	49	6.788	79	26	58.64	4	9005	TOKYO	5340	14	FC	2913
	3	17	13	54	21.3373	1	7	13	5.638	-45	50	52.82	4	9003	WOOMERA	8722	3	AA	2204
	3	17	13	54	41.3369	1	7	7	58.141	-47	15	6.15	4	9003	WOOMERA	8722	8	YK	2205
	3	17	15	50	7.0928	3	3	31	34.197	64	51	50.88	4	9005	TOKYO	5342	7	FC	8142
	3	17	19	19	31.4865	1	10	53	56.923	-20	11	0.28	4	9002	OLIFANTS	6534	13	VD	2165
	3	17	19	25	47.4513	1	10	55	44.962	-55	58	44.94	4	9002	OLIFANTS	6536	3	VD	2805
	3	17	19	26	11.4516	1	10	56	32.143	-58	4	56.48	4	9002	OLIFANTS	6536	6	VD	2166
	3	18	0	59	39.1763	3	11	54	22.636	-50	47	41.47	4	9011	VILLA DOLO	5235	3	YK	3281
	3	18	1	0	3.1761	3	11	57	50.448	-52	48	8.43	4	9011	VILLA DOLO	5235	6	YK	3282
	3	18	3	1	32.4255	1	14	26	59.908	49	5	23.42	4	9001	ORGAN PASS	5346	3	VD	3885
	3	18	3	1	48.4249	1	14	22	43.999	48	36	18.78	4	9001	ORGAN PASS	5346	5	VD	1820
	3	18	3	5	54.1557	1	13	25	52.847	39	1	55.81	4	9001	ORGAN PASS	5347	5	PT	1823
	3	18	3	5	58.1558	1	13	25	5.335	38	50	44.86	4	9001	ORGAN PASS	5347	6	PT	1824
	3	18	3	37	9.0920	3	8	3	39.788	-32	16	8.78	4	9007	AREQUIPA	5399	11	VD	2858
	3	18	3	37	14.8502	3	8	0	55.491	- 8	18	8.39	4	9011	VILLA DOLO	5240	8	AA	3977
	3	18	3	37	41.0919	3	7	59	10.007	-34	52	53.04	4	9007	AREQUIPA	5399	15	VD	2859
	3	18	3	40	21.2920	3	7	32	5.446	-46	45	49.58	4	9007	AREQUIPA	5400	6	VD	2860
	3	18	3	40	37.2915	3	7	28	53.176	-47	49	52.57	4	9007	AREQUIPA	5400	8	VD	2861
	3	18	3	43	58.7630	3	6	59	47.195	-38	44	22.99	4	9011	VILLA DOLO	5241	2	LE	3466
	3	18	3	44	30.7626	3	6	52	44.479	-40	51	17.99	4	9011	VILLA DOLO	5241	6	LE	3976

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1962	3	18	5	47	46.3412	1	10	8	31.814	81	56	46.12	4	9001	ORGAN PASS	5349	3	VD	1821
	3	18	5	48	2.3492	1	10	2	33.963	80	51	57.45	4	9001	ORGAN PASS	5349	7	VD	1822
	3	18	5	57	9.3081	1	9	17	52.001	33	29	33.12	4	9001	ORGAN PASS	5350	3	RO	3886
	3	18	5	57	21.3142	1	9	17	28.811	32	19	6.52	4	9001	ORGAN PASS	5350	6	RO	1748
	3	18	8	31	16.1627	1	5	40	18.432	55	0	25.08	4	9001	ORGAN PASS	5351	4	BN	1798
	3	18	8	31	32.1633	1	5	45	0.132	54	20	59.31	4	9001	ORGAN PASS	5351	6	BN	1799
	3	18	8	37	23.4434	1	11	54	4.759	76	4	14.98	4	9012	MAUI	5758	4	VD	3384
	3	18	8	38	0.6089	1	6	59	14.724	34	56	53.70	4	9001	ORGAN PASS	5353	5	FC	1816
	3	18	8	38	26.4616	1	11	23	30.912	72	44	11.11	4	9012	MAUI	5758	10	VD	3385
	3	18	8	43	30.9716	1	10	15	43.596	51	10	43.92	4	9012	MAUI	5759	3	GL	3460
	3	18	8	43	49.1709	1	10	13	31.005	49	38	17.10	4	9012	MAUI	5759	7	GL	3387
	3	18	11	20	45.5579	3	13	57	32.924	52	41	22.46	4	9005	TOKYO	5359	4	FC	2910
	3	18	11	21	29.1576	3	13	43	34.559	50	50	34.66	4	9005	TOKYO	5359	8	FC	5697
	3	18	11	55	15.2107	1	10	55	38.027	- 9	58	47.75	4	9003	WOOMERA	8736	7	YK	2810
	3	18	11	55	42.6606	1	10	55	24.240	-12	24	27.58	4	9003	WOOMERA	8736	12	YK	3901
	3	18	12	3	32.6829	1	11	2	42.763	-57	5	53.10	4	9003	WOOMERA	8737	4	FC	2229
	3	18	12	4	45.2483	1	11	8	10.927	-63	30	41.63	4	9003	WOOMERA	8737	19	FC	2230
	3	18	14	4	45.4682	3	6	39	33.870	76	14	30.83	4	9005	TOKYO	5362	8	PK	2172
	3	18	14	6	21.2082	3	7	27	11.969	69	56	32.04	4	9005	TOKYO	5362	17	PK	2173
	3	18	14	14	50.0492	3	8	26	45.505	26	47	13.58	4	9005	TOKYO	5363	6	PK	7767
	3	18	14	14	59.6695	3	8	27	1.022	25	56	55.75	4	9005	TOKYO	5363	7	PK	3813
	3	18	14	47	22.6192	1	6	46	53.274	-32	8	50.98	4	9003	WOOMERA	8742	3	VD	6674
	3	18	14	47	38.6191	1	6	44	3.917	-33	6	0.16	4	9003	WOOMERA	8742	7	VD	3647
	3	18	20	17	56.4350	1	8	49	29.957	-47	1	3.80	4	9002	OLIFANTS	6547	3	PL	6259
	3	18	20	19	45.0228	1	8	28	4.080	-56	19	18.29	4	9002	OLIFANTS	6547	16	PL	3895
	3	18	20	20	25.0231	1	8	18	0.654	-59	27	19.99	4	9002	OLIFANTS	6547	21	PL	2168
	3	18	20	21	17.0178	1	8	2	30.018	-63	15	45.52	4	9002	OLIFANTS	6547	27	PL	2169
	3	19	1	45	2.7812	3	11	21	19.033	-30	33	37.85	4	9007	AREQUIPA	5413	13	GL	2862
	3	19	1	54	5.3167	3	9	59	29.427	-61	15	31.19	4	9011	VILLA DOLO	5252	6	LE	3468
	3	19	1	54	37.3166	3	9	56	36.240	-64	8	6.64	4	9011	VILLA DOLO	5252	10	LE	3469
	3	19	4	33	12.0087	3	6	55	6.455	-32	14	42.69	4	9007	AREQUIPA	5418	2	LE	2868
	3	19	4	33	20.0084	3	6	54	0.736	-32	42	56.07	4	9007	AREQUIPA	5418	3	LE	2869
	3	19	10	12	23.2863	1	12	45	20.984	-39	55	33.29	4	9003	WOOMERA	8747	16	YK	2207
	3	19	10	20	12.0308	1	15	1	22.073	-63	34	43.94	4	9003	WOOMERA	8748	3	BN	2174
	3	19	10	21	2.1017	1	15	26	29.378	-64	51	36.54	4	9003	WOOMERA	8748	12	BN	2175
	3	19	12	49	8.8301	1	9	38	3.418	- 9	42	20.66	4	9003	WOOMERA	8753	8	BN	2176
	3	19	12	50	0.1509	1	9	34	16.783	-14	39	25.52	4	9003	WOOMERA	8753	18	BN	2177
	3	19	12	58	21.9224	1	8	18	54.989	-62	29	3.49	4	9003	WOOMERA	8754	8	VD	2237
	3	19	12	59	50.2628	1	7	44	36.927	-68	53	28.96	4	9003	WOOMERA	8754	22	VD	2238
	3	19	18	27	1.4586	1	12	7	17.245	-41	39	21.93	4	9002	OLIFANTS	6559	7	RO	2800
	3	19	18	36	17.2202	1	15	24	16.567	-74	52	46.89	4	9002	OLIFANTS	6561	8	RO	2141
	3	19	18	37	15.3984	1	16	15	31.992	-75	47	58.12	4	9002	OLIFANTS	6561	15	RO	2142
	3	19	21	7	53.5402	1	7	57	57.209	-19	20	48.42	4	9002	OLIFANTS	6566	12	PL	2143
	3	19	21	12	14.2209	1	7	16	51.357	-39	45	14.94	4	9002	OLIFANTS	6567	4	PL	2801
	3	19	21	12	54.2216	1	7	8	34.564	-42	31	14.01	4	9002	OLIFANTS	6567	9	PL	2145

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	20	2	38	57.3166	3	9	5	8.514	- 6	47	1.88	4	9011	VILLA DOLO	5282	7	RO	3978
	3	20	2	39	6.1873	3	9	40	55.314	-34	24	53.89	4	9007	AREQUIPA	5422	18	GL	2863
	3	20	2	39	37.3162	3	9	1	31.442	-10	25	56.35	4	9011	VILLA DOLO	5282	11	RO	3471
	3	20	2	40	21.0344	3	8	57	16.689	-14	30	4.49	4	9011	VILLA DOLO	5282	16	RO	3472
	3	20	2	43	34.6669	3	9	9	13.061	-57	54	31.01	4	9007	AREQUIPA	5423	8	LE	2943
	3	20	2	44	14.6663	3	9	2	10.532	-60	52	56.33	4	9007	AREQUIPA	5423	13	LE	2944
	3	20	2	45	39.8306	3	8	11	23.811	-44	20	51.46	4	9011	VILLA DOLO	5283	4	FC	3986
	3	20	2	46	39.1966	3	7	57	59.850	-49	23	3.19	4	9011	VILLA DOLO	5283	11	FC	3987
	3	20	19	21	56.3030	1	10	45	21.532	-55	41	41.24	4	9002	OLIFANTS	6579	5	FC	2942
	3	21	0	56	16.5775	3	11	52	9.630	-53	20	31.76	4	9011	VILLA DOLO	5293	6	PK	3473
	3	21	0	56	32.5772	3	11	54	29.779	-54	41	35.50	4	9011	VILLA DOLO	5293	8	PK	3474
	3	21	5	45	25.9597	1	9	22	2.188	76	15	20.75	4	9001	ORGAN PASS	5391	4	BN	1825
	3	21	5	45	33.9569	1	9	21	46.311	75	39	38.03	4	9001	ORGAN PASS	5391	6	BN	1826
	3	21	5	55	28.1463	1	9	8	35.822	21	55	3.58	4	9001	ORGAN PASS	5392	4	LE	1827
	3	21	5	55	32.1493	1	9	8	30.348	21	32	15.50	4	9001	ORGAN PASS	5392	5	LE	1828
	3	21	8	34	41.4179	1	11	6	25.190	73	47	11.74	4	9012	MAUI	5762	3	GL	3388
	3	21	8	35	5.4181	1	10	57	56.862	72	21	28.99	4	9012	MAUI	5762	6	GL	3389
	3	21	17	33	48.0989	1	13	14	13.956	-50	11	52.66	4	9002	OLIFANTS	6591	7	PL	2802
	3	22	1	51	6.7576	3	9	40	2.747	-65	7	11.67	4	9011	VILLA DOLO	5309	6	RO	3475
	3	22	1	51	22.7569	3	9	37	30.298	-66	29	56.89	4	9011	VILLA DOLO	5309	8	RO	3979
	3	22	3	55	24.7190	10	13	25	42.347	53	18	37.28	4	9001	ORGAN PASS	5405	7	FC	1814
	3	22	3	55	32.7141	10	13	23	9.630	52	54	30.46	4	9001	ORGAN PASS	5405	9	FC	5695
	3	22	4	26	55.6687	3	7	30	42.388	- 3	37	21.83	4	9011	VILLA DOLO	5311	7	PL	3476
	3	22	9	28	39.0751	1	7	34	23.058	68	56	16.05	4	9012	MAUI	5765	4	RO	3411
	3	22	9	28	55.0749	1	7	37	54.988	67	55	17.53	4	9012	MAUI	5765	6	RO	3412
	3	22	9	36	27.1756	1	8	15	29.468	32	55	10.93	4	9012	MAUI	5766	3	PK	4875
	3	22	9	36	35.1756	1	8	15	39.213	32	13	33.87	4	9012	MAUI	5766	4	PK	3391
	3	22	18	16	50.4405	1	11	45	24.075	-10	50	58.46	4	9002	OLIFANTS	6605	8	YK	2331
	3	22	18	23	34.8551	1	12	6	11.388	-43	42	26.83	4	9002	OLIFANTS	6606	8	PL	1863
	3	22	18	23	50.8547	1	12	7	51.908	-44	59	31.99	4	9002	OLIFANTS	6606	10	PL	1864
	3	22	21	2	34.0786	1	8	5	53.747	-10	39	46.95	4	9002	OLIFANTS	6612	8	PL	1865
	3	22	21	2	42.0787	1	8	5	3.125	-11	19	17.29	4	9002	OLIFANTS	6612	9	PL	1866
	3	22	21	7	59.4899	1	7	20	36.708	-36	18	37.76	4	9002	OLIFANTS	6613	6	BN	1867
	3	22	21	8	7.4901	1	7	19	8.141	-36	52	51.16	4	9002	OLIFANTS	6613	7	BN	3894
	3	23	2	41	53.9749	3	8	5	50.385	-43	2	49.30	4	9011	VILLA DOLO	5316	4	BN	3301
	3	23	2	42	1.9748	3	8	4	9.339	-43	43	52.44	4	9011	VILLA DOLO	5316	5	BN	3302
	3	23	4	47	25.9842	10	13	14	38.035	72	11	9.79	4	9001	ORGAN PASS	5420	3	GL	1832
	3	23	4	48	37.9769	10	12	31	40.639	68	30	30.31	4	9001	ORGAN PASS	5420	12	GL	1833
	3	23	4	56	28.1813	1	10	37	51.501	29	57	39.62	4	9001	ORGAN PASS	5421	3	BN	1754
	3	23	4	56	44.1790	1	10	36	6.025	28	25	11.97	4	9001	ORGAN PASS	5421	5	BN	1755
	3	23	7	35	2.7669	10	6	49	55.606	47	29	12.62	4	9001	ORGAN PASS	5423	8	RO	1749
	3	23	7	35	10.7661	1	6	51	23.900	46	59	58.36	4	9001	ORGAN PASS	5423	9	RO	1750
	3	23	11	2	16.6995	10	12	16	0.576	-49	6	43.92	4	9003	WOOMERA	8773	4	BN	2178
	3	23	13	39	9.2891	1	8	20	44.102	- 6	16	14.81	4	9003	WOOMERA	8775	8	BN	7230
	3	23	19	11	53.9778	1	10	43	21.570	-18	57	5.65	4	9002	OLIFANTS	6622	16	GL	1859

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	3	23	19	16	9.9815	1	10	37	12.500	-44	26	23.87	4	9002	OLIFANTS	6622	26	GL	1860
	3	23	19	17	5.9801	1	10	35	58.560	-49	48	28.38	4	9002	OLIFANTS	6623	5	BN	1868
	3	23	19	17	29.9807	1	10	35	27.639	-52	3	26.07	4	9002	OLIFANTS	6623	8	BN	1869
	3	23	22	4	4.5307	1	6	31	31.571	-34	35	24.29	4	9002	OLIFANTS	6629	9	VD	2129
	3	23	22	4	12.5306	1	6	30	10.795	-34	59	56.44	4	9002	OLIFANTS	6629	10	VD	4866
	3	24	0	42	19.3466	3	11	20	50.197	- 0	49	14.66	4	9011	VILLA DOLO	5323	6	BN	3296
	3	24	0	42	27.3464	3	11	20	50.130	- 1	25	4.20	4	9011	VILLA DOLO	5323	7	BN	3297
	3	24	0	52	36.8579	3	11	46	40.079	-54	26	29.78	4	9011	VILLA DOLO	5325	3	FC	3286
	3	24	0	53	0.8569	3	11	50	0.180	-56	30	1.14	4	9011	VILLA DOLO	5325	6	FC	3287
	3	24	3	28	16.0355	3	8	6	5.416	- 0	31	56.34	4	9011	VILLA DOLO	5329	10	GL	3290
	3	24	3	28	24.0356	3	8	5	22.216	- 1	6	45.21	4	9011	VILLA DOLO	5329	11	GL	3291
	3	24	3	35	41.6654	3	7	8	28.154	-33	3	4.23	4	9011	VILLA DOLO	5330	5	GL	3402
	3	24	3	35	57.6650	3	7	5	29.094	-34	7	36.60	4	9011	VILLA DOLO	5330	7	GL	3403
	3	24	5	51	30.7905	1	12	59	14.609	25	52	53.32	4	9012	MAUI	5777	3	YK	3982
	3	24	5	52	2.7905	1	12	55	47.582	24	13	53.81	4	9012	MAUI	5777	7	YK	3393
	3	24	8	32	6.9961	1	10	27	43.283	70	11	36.86	4	9012	MAUI	5782	8	YK	3394
	3	24	8	32	30.9964	1	10	22	45.863	68	34	57.88	4	9012	MAUI	5782	11	YK	3395
	3	24	8	39	38.0141	1	9	38	56.789	32	30	21.88	4	9012	MAUI	5784	4	YK	3396
	3	24	8	39	58.0141	1	9	37	43.923	30	32	43.43	4	9012	MAUI	5784	9	YK	3397
	3	24	14	0	26.9825	3	7	35	50.587	61	34	37.53	4	9005	TOKYO	5383	10	GL	2843
	3	24	14	0	55.7680	3	7	42	7.710	59	21	19.96	4	9005	TOKYO	5383	13	GL	2844
	3	24	14	12	8.7588	3	8	26	13.511	4	17	38.79	4	9005	TOKYO	5384	8	PL	2917
	3	24	20	9	26.5880	1	8	43	20.450	-39	32	35.67	4	9002	OLIFANTS	6644	6	VD	2131
	3	24	20	10	43.7139	1	8	30	4.483	-46	27	30.78	4	9002	OLIFANTS	6644	13	VD	2132
	3	24	20	15	49.4505	1	6	52	58.249	-67	53	57.42	4	9002	OLIFANTS	6645	2	GL	2137
	3	24	20	16	5.4498	1	6	44	35.205	-68	41	7.93	4	9002	OLIFANTS	6645	3	GL	2138
	3	25	1	4	27.9146	1	14	19	50.126	49	23	13.65	4	9010	JUPITER	5910	2	GL	3271
	3	25	1	4	43.9149	1	14	15	49.438	48	51	25.25	4	9010	JUPITER	5910	3	GL	3272
	3	25	1	13	5.2497	1	12	44	28.561	46	43	16.83	4	9009	CURACAO	4797	4	BN	3262
	3	25	3	52	37.0409	10	8	58	29.173	69	21	17.14	4	9010	JUPITER	5915	3	PL	3275
	3	25	3	52	45.6825	10	13	6	16.452	51	23	37.33	4	9001	ORGAN PASS	5444	5	RO	1743
	3	25	3	52	53.6836	10	13	3	55.245	50	56	13.63	4	9001	ORGAN PASS	5444	6	RO	1744
	3	25	3	53	9.0419	10	8	59	32.614	66	54	38.52	4	9010	JUPITER	5915	5	PL	3276
	3	25	3	57	7.2373	1	7	23	52.819	54	43	38.09	4	9009	CURACAO	4802	4	RO	3263
	3	25	4	2	35.9190	10	11	23	41.806	7	5	9.67	4	9001	ORGAN PASS	5447	3	PT	1741
	3	25	4	2	40.3783	10	8	57	2.908	15	4	42.90	4	9010	JUPITER	5916	3	GL	3273
	3	25	4	2	43.9201	10	11	22	55.606	6	26	26.86	4	9001	ORGAN PASS	5447	4	PT	1742
	3	25	4	2	48.3775	10	8	56	53.423	14	20	24.84	4	9010	JUPITER	5916	4	GL	3274
	3	25	4	2	52.0310	1	7	46	2.291	30	44	10.05	4	9009	CURACAO	4803	4	RO	3264
	3	25	6	37	29.5723	1	7	16	32.391	57	16	16.44	4	9001	ORGAN PASS	5450	4	FC	1812
	3	25	6	37	45.5713	1	7	19	56.674	56	7	28.49	4	9001	ORGAN PASS	5450	8	FC	1813
	3	25	6	42	35.8907	1	13	9	35.406	43	39	58.61	4	9012	MAUI	5793	3	YK	3398
	3	25	6	43	15.8905	1	13	2	3.087	41	31	51.45	4	9012	MAUI	5793	8	YK	3983
	3	25	6	49	0.4222	1	12	13	18.326	19	17	14.76	4	9012	MAUI	5794	4	GL	3419
	3	25	9	26	40.6468	1	7	44	30.885	61	12	29.66	4	9012	MAUI	5798	4	YK	3400

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	3	25	9	26	56.6468	1	7	46	48.766	60	5	35.94	4	9012	MAUI	5798 9	YK	3984
	3	25	12	10	29.2153	3	11	59	4.727	57	7	47.93	4	9005	TOKYO	5392 5	PL	2918
	3	25	12	10	59.3209	3	11	50	10.877	54	50	48.08	4	9005	TOKYO	5392 7	PL	2919
	3	25	12	46	44.9257	1	8	54	4.852	-38	30	27.33	4	9003	WOOMERA	8786 3	VD	2808
	3	25	12	47	12.9252	1	8	49	43.628	-41	11	33.54	4	9003	WOOMERA	8786 10	VD	2809
	3	25	14	54	42.2329	3	6	59	4.342	49	2	1.94	4	9005	TOKYO	5395 6	VD	2920
	3	25	14	55	52.1294	3	7	11	40.493	44	24	40.93	4	9005	TOKYO	5395 9	VD	2921
	3	25	18	11	56.0876	1	11	42	53.078	- 5	18	11.06	4	9002	OLIFANTS	6649 9	GL	2135
	3	25	18	12	28.0865	1	11	43	10.374	- 7	44	24.64	4	9002	OLIFANTS	6649 13	GL	2136
	3	25	18	18	33.9837	10	11	56	19.791	-37	58	6.54	4	9002	OLIFANTS	6650 5	RO	2139
	3	25	18	19	45.9847	10	12	2	16.711	-43	58	55.58	4	9002	OLIFANTS	6650 12	RO	2140
	3	25	20	29	21.8520	3	13	6	51.722	38	26	16.79	4	9004	SAN FERNAN	5187 3	VD	2218
	3	25	20	29	53.8511	3	13	0	16.207	36	35	3.15	4	9004	SAN FERNAN	5187 5	VD	2219
	3	25	21	4	40.9164	1	7	14	16.147	-36	51	47.29	4	9002	OLIFANTS	6656 7	VD	2133
	3	25	21	4	48.9164	1	7	12	45.935	-37	24	33.73	4	9002	OLIFANTS	6656 8	VD	2134
	3	25	23	53	32.6673	10	12	25	12.885	-38	25	16.92	4	9011	VILLA DOLO	5340 6	PL	3985
	3	25	23	53	56.6662	10	12	28	12.575	-40	11	51.14	4	9011	VILLA DOLO	5340 9	PL	3404
	3	26	2	10	24.1764	1	10	48	5.449	42	20	57.15	4	9009	CURACAO	4808 5	RO	3265
	3	26	2	11	12.1781	1	10	42	29.039	38	18	57.74	4	9009	CURACAO	4808 8	RO	3266
	3	26	2	37	28.7475	10	8	8	43.319	-38	21	27.08	4	9011	VILLA DOLO	5349 3	PL	3300
	3	26	2	38	24.5349	10	7	57	26.230	-43	5	57.00	4	9011	VILLA DOLO	5349 9	PL	7038
	3	26	7	36	25.7487	1	12	15	58.412	55	54	15.99	4	9012	MAUI	5812 4	FC	3420
	3	26	7	36	37.7487	1	12	12	53.642	55	9	21.66	4	9012	MAUI	5812 7	FC	3421
	3	26	10	22	10.5100	1	7	7	40.478	43	54	17.59	4	9012	MAUI	5816 4	RO	3413
	3	26	10	22	26.5100	1	7	9	31.957	42	53	22.65	4	9012	MAUI	5816 6	RO	3414
	3	26	10	29	50.1909	1	7	37	5.587	13	29	44.33	4	9012	MAUI	5817 2	LE	3415
	3	26	10	29	58.1909	1	7	37	17.588	12	58	26.56	4	9012	MAUI	5817 3	LE	3988
	3	26	13	2	40.9616	3	9	44	12.872	70	9	23.36	4	9005	TOKYO	5409 6	VD	2922
	3	26	13	3	19.3511	3	9	41	10.783	66	56	5.00	4	9005	TOKYO	5409 10	VD	2923
	3	26	13	4	7.2822	3	9	38	7.662	62	46	9.05	4	9005	TOKYO	5409 15	VD	2924
	3	26	13	12	9.8070	3	9	21	5.993	16	40	51.86	4	9005	TOKYO	5410 9	VD	2925
	3	26	13	12	57.6987	3	9	19	45.773	12	20	48.47	4	9005	TOKYO	5410 14	VD	2926
	3	26	13	14	14.3981	3	9	17	37.044	5	42	44.44	4	9005	TOKYO	5410 22	VD	2927
	3	26	13	14	43.1624	3	9	16	48.986	3	19	49.31	4	9005	TOKYO	5410 25	VD	2928
	3	26	13	15	59.8881	3	9	14	37.207	- 2	43	56.01	4	9005	TOKYO	5410 33	VD	2929
	3	26	15	41	25.1971	3	4	59	10.280	59	55	32.25	4	9005	TOKYO	5418 14	PL	3649
	3	26	15	44	43.8288	3	6	6	56.117	52	18	55.74	4	9005	TOKYO	5419 5	BN	2930
	3	26	15	45	22.2210	3	6	16	56.536	50	30	50.45	4	9005	TOKYO	5419 9	BN	2931
	3	26	21	51	31.0787	1	7	33	50.820	- 2	27	48.41	4	9002	OLIFANTS	6662 13	FC	1857
	3	26	21	51	47.0791	1	7	32	37.621	- 3	27	48.37	4	9002	OLIFANTS	6662 15	FC	1858
	3	26	21	58	40.5470	1	6	48	54.470	-28	17	18.71	4	9002	OLIFANTS	6664 5	YK	3888
	3	26	21	59	4.5472	1	6	45	29.172	-29	35	35.25	4	9002	OLIFANTS	6664 8	YK	3889
	3	27	0	47	8.2982	3	11	30	14.886	-45	40	57.91	4	9011	VILLA DOLO	5356 3	GL	3288
	3	27	0	47	16.2980	3	11	30	49.113	-46	25	14.16	4	9011	VILLA DOLO	5356 4	GL	3289
	3	27	2	54	56.1096	1	12	4	5.937	67	53	9.10	4	9010	JUPITER	5923 2	YK	3279

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	3	27	2	55	44.1063	1	11	46	3.165	64	50	29.24	4	9010	JUPITER	5923	5	YK	3280
	3	27	2	56	25.4409	1	13	14	47.464	37	25	40.14	4	9001	ORGAN PASS	5484	3	BN	2900
	3	27	2	56	37.4396	1	13	12	29.056	36	46	51.24	4	9001	ORGAN PASS	5484	6	BN	1753
	3	27	2	59	16.5101	1	8	54	24.705	64	37	34.72	4	9009	CURACAO	4830	4	LE	2883
	3	27	3	3	41.1687	1	10	24	2.108	23	24	40.78	4	9010	JUPITER	5924	4	RO	3440
	3	27	3	4	5.1695	1	10	21	55.048	21	2	37.97	4	9010	JUPITER	5924	7	RO	3441
	3	27	3	6	36.7956	1	11	57	35.476	- 1	7	10.44	4	9001	ORGAN PASS	5485	3	VD	1760
	3	27	5	34	53.2010	1	5	10	37.515	63	16	33.47	4	9010	JUPITER	5926	3	LE	2881
	3	27	5	35	9.2011	1	5	17	6.868	62	43	32.89	4	9010	JUPITER	5926	4	LE	2882
	3	27	5	40	27.0811	1	8	51	23.450	64	15	38.80	4	9001	ORGAN PASS	5491	3	BN	2123
	3	27	5	40	39.0819	1	8	52	6.320	63	15	15.07	4	9001	ORGAN PASS	5491	6	BN	2124
	3	27	5	42	11.7391	1	7	0	52.240	41	26	52.97	4	9010	JUPITER	5927	4	RO	3442
	3	27	5	42	59.7414	1	7	6	55.216	38	32	39.03	4	9010	JUPITER	5927	7	RO	3443
	3	27	5	46	44.3182	10	13	9	9.277	29	58	45.92	4	9012	MAUI	5826	7	GL	3418
	3	27	8	29	36.5905	1	9	59	10.072	65	32	15.89	4	9012	MAUI	5832	3	FC	3422
	3	27	8	30	8.5909	1	9	55	30.966	63	9	46.64	4	9012	MAUI	5832	7	FC	3423
	3	27	11	11	59.7108	3	13	19	5.793	50	9	29.32	4	9005	TOKYO	5433	6	PL	2932
	3	27	11	13	6.9685	30	13	0	5.606	46	15	21.58	4	9005	TOKYO	5433	13	PL	4869
	3	27	11	13	48.8230	30	12	49	28.787	43	37	29.49	4	9005	TOKYO	5433	17	PL	7036
	3	27	11	51	26.2999	1	10	31	50.642	-52	51	28.13	4	9003	WOOMERA	8796	11	BN	2180
	3	27	11	51	42.2996	1	10	31	25.785	-54	23	26.83	4	9003	WOOMERA	8796	15	BN	2181
	3	27	13	59	4.0893	3	7	54	59.644	49	44	15.53	4	9005	TOKYO	5437	18	GL	2916
	3	27	14	33	9.1584	1	7	16	16.543	-18	17	9.96	4	9003	WOOMERA	8799	4	PL	2182
	3	27	14	33	37.1581	1	7	12	49.960	-20	1	0.67	4	9003	WOOMERA	8799	11	PL	2183
	3	27	14	42	24.8168	1	5	33	53.701	-46	47	51.06	4	9003	WOOMERA	8800	3	PL	2184
	3	27	14	43	0.8164	1	5	24	21.481	-48	1	24.65	4	9003	WOOMERA	8800	12	PL	2185
	3	27	17	18	22.4165	1	12	20	23.932	-20	24	41.45	4	9002	OLIFANTS	6666	10	YK	1848
	3	27	17	18	38.4154	1	12	21	17.144	-21	28	58.68	4	9002	OLIFANTS	6666	12	YK	1849
	3	27	17	26	18.4269	1	13	16	0.140	-51	49	42.82	4	9002	OLIFANTS	6669	14	FC	1855
	3	27	17	26	34.4241	1	13	19	31.298	-52	46	23.84	4	9002	OLIFANTS	6669	16	FC	1856
	3	27	17	28	46.1868	1	13	55	50.750	-59	53	17.29	4	9002	OLIFANTS	6670	7	GL	2940
	3	27	17	28	54.1866	1	13	58	32.207	-60	16	34.90	4	9002	OLIFANTS	6670	8	GL	2941
	3	27	19	31	52.9333	3	7	55	2.768	55	40	12.39	4	9008	SHIRAZ	7229	3	LE	2870
	3	27	19	32	0.9338	3	7	56	7.598	55	2	15.12	4	9008	SHIRAZ	7229	4	LE	2871
	3	27	19	59	14.6466	1	9	19	37.322	- 1	29	50.91	4	9002	OLIFANTS	6679	12	YK	1852
	3	27	20	0	15.6357	1	9	14	32.696	- 7	11	21.08	4	9002	OLIFANTS	6679	19	YK	3893
	3	27	20	3	34.3502	1	8	54	11.846	-26	27	57.76	4	9002	OLIFANTS	6680	3	FC	1853
	3	27	20	3	58.3503	1	8	51	12.096	-28	47	9.86	4	9002	OLIFANTS	6680	6	FC	1854
	3	27	20	12	39.4685	1	6	29	13.660	-67	58	57.99	4	9002	OLIFANTS	6681	7	YK	3890
	3	27	20	13	19.4684	1	6	6	27.948	-69	36	27.72	4	9002	OLIFANTS	6681	12	YK	4865
	3	28	1	6	17.9107	1	13	12	41.333	36	10	38.85	4	9010	JUPITER	5936	2	LE	2877
	3	28	1	7	5.9124	1	13	4	43.211	33	33	47.85	4	9010	JUPITER	5936	8	LE	2878
	3	28	1	15	3.2731	1	12	9	40.365	3	19	7.84	4	9010	JUPITER	5937	2	RO	3444
	3	28	1	15	27.2738	1	12	7	47.519	1	42	58.84	4	9010	JUPITER	5937	5	RO	3445
	3	28	1	31	5.4297	3	11	7	48.349	-15	13	34.53	4	9007	AREQUIPA	5444	16	GL	2864

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1962	3	28	1	31	45.4276	3	11	6	49.634	-19	3	38.37	4	9007	AREQUIPA	5444	21	GL	3911
	3	28	1	36	15.3433	10	11	2	24.501	-44	30	36.42	4	9007	AREQUIPA	5445	5	PL	3251
	3	28	1	37	3.3433	10	11	2	6.939	-48	43	39.72	4	9007	AREQUIPA	5445	11	PL	3252
	3	28	3	50	14.9120	1	8	48	4.888	62	44	26.84	4	9010	JUPITER	5942	4	LE	2879
	3	28	3	50	46.9127	1	8	49	32.964	60	8	8.34	4	9010	JUPITER	5942	8	LE	2880
	3	28	4	25	3.0131	3	6	31	53.737	-38	37	51.03	4	9007	AREQUIPA	5449	12	BN	3253
	3	28	6	40	6.4396	1	12	56	14.946	40	56	57.08	4	9012	MAUI	5846	4	RO	3424
	3	28	6	40	18.4397	1	12	54	6.239	40	15	7.22	4	9012	MAUI	5846	7	AA	3425
	3	28	9	25	11.9006	1	7	53	43.939	50	42	9.69	4	9012	MAUI	5852	3	RO	3426
	3	28	9	25	27.9007	1	7	55	8.011	49	28	56.37	4	9012	MAUI	5852	7	RO	3427
	3	28	9	51	15.4611	1	12	5	26.117	- 2	50	33.61	4	9003	WOOMERA	8802	4	FC	7228
	3	28	9	51	23.4607	1	12	5	37.506	- 3	18	33.44	4	9003	WOOMERA	8802	5	FC	7229
	3	28	9	59	30.4012	1	12	34	52.409	-34	59	41.32	4	9003	WOOMERA	8803	4	GL	2227
	3	28	9	59	42.4015	1	12	36	14.938	-35	48	57.21	4	9003	WOOMERA	8803	7	GL	2228
	3	28	12	42	29.6025	1	8	51	48.326	-34	38	19.77	4	9003	WOOMERA	8813	4	FC	2233
	3	28	12	43	55.1333	1	8	37	57.589	-42	43	4.65	4	9003	WOOMERA	8813	17	FC	2234
	3	28	14	50	46.2359	3	6	56	20.951	49	9	34.91	4	9005	TOKYO	5462	8	HC	2064
	3	28	14	51	29.9181	3	7	4	49.375	46	21	57.67	4	9005	TOKYO	5462	12	HC	2065
	3	28	20	52	38.5568	1	8	14	26.360	2	3	41.65	4	9002	OLIFANTS	6685	10	GL	3896
	3	28	20	53	37.9145	1	8	9	22.702	- 2	30	43.11	4	9002	OLIFANTS	6685	17	GL	2226
	3	28	20	57	57.5273	1	7	41	2.090	-22	43	44.95	4	9002	OLIFANTS	6686	9	YK	2332
	3	28	20	59	55.9375	1	7	23	34.822	-31	26	23.26	4	9002	OLIFANTS	6686	16	YK	2333
	3	28	21	4	21.3944	1	6	28	52.140	-47	52	54.11	4	9002	OLIFANTS	6686	22	YK	3887
	3	28	23	48	23.1517	3	12	15	27.342	-32	29	24.99	4	9011	VILLA DOLO	5359	3	PK	3298
	3	28	23	50	33.4303	3	12	30	2.046	-42	23	56.33	4	9011	VILLA DOLO	5359	13	PK	3973
	3	29	2	1	52.2708	1	11	27	18.384	63	31	13.43	4	9009	CURACAO	4855	5	RO	3267
	3	29	2	2	16.2710	1	11	21	47.555	62	5	58.90	4	9009	CURACAO	4855	8	RO	3268
	3	29	2	10	36.3914	1	10	16	53.510	21	34	47.17	4	9009	CURACAO	4856	5	PL	2884
	3	29	2	11	0.3919	1	10	14	56.935	19	12	8.22	4	9009	CURACAO	4856	8	PL	2885
	3	29	2	24	58.6244	3	9	5	44.193	8	25	0.86	4	9011	VILLA DOLO	5368	6	LE	3417
	3	29	2	32	36.8007	3	8	15	54.731	-31	20	3.70	4	9011	VILLA DOLO	5369	4	BN	3294
	3	29	2	33	16.7999	3	8	9	7.911	-34	50	24.01	4	9011	VILLA DOLO	5369	9	BN	3295
	3	29	4	42	35.8826	1	11	35	3.654	65	38	46.27	4	9001	ORGAN PASS	5527	3	BN	2125
	3	29	4	42	47.8826	1	11	30	59.539	64	46	10.23	4	9001	ORGAN PASS	5527	6	BN	2126
	3	29	4	45	35.3686	10	7	32	14.990	46	9	26.60	4	9010	JUPITER	5955	2	FC	4871
	3	29	4	45	59.3689	10	7	35	4.872	44	22	58.42	4	9010	JUPITER	5955	5	FC	4872
	3	29	4	54	49.8929	1	9	59	28.000	- 1	19	42.91	4	9001	ORGAN PASS	5528	3	BN	2127
	3	29	4	54	57.8896	1	9	59	0.738	- 1	59	59.74	4	9001	ORGAN PASS	5528	5	BN	2128
	3	29	7	27	28.9590	1	6	50	1.787	46	36	3.11	4	9001	ORGAN PASS	5531	3	GL	1834
	3	29	7	34	39.0410	1	11	43	15.105	49	19	28.61	4	9012	MAUI	5873	3	PK	3428
	3	29	7	34	55.0409	1	11	40	9.123	48	7	40.12	4	9012	MAUI	5873	7	PK	3429
	3	29	18	59	53.9769	10	10	42	24.381	6	42	41.56	4	9002	OLIFANTS	6695	15	YK	1847
	3	29	19	0	41.9807	10	10	40	27.949	2	38	53.59	4	9002	OLIFANTS	6695	21	YK	2338
	3	29	19	6	50.1491	1	10	25	4.822	-33	11	42.82	4	9002	OLIFANTS	6696	7	YK	6258
	3	29	19	7	6.1492	1	10	24	19.027	-34	49	41.02	4	9002	OLIFANTS	6696	9	YK	3892

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1962	3	29	21	50	0.8461	1	7	23	36.466	-10	15	33.07	4	9002	OLIFANTS	6697	6	YK	1850
	3	29	21	50	40.8494	1	7	19	57.206	-12	40	24.97	4	9002	OLIFANTS	6697	11	YK	2339
	3	30	0	42	21.1384	3	11	20	58.046	-40	10	14.86	4	9011	VILLA DOLO	5379	3	PL	3405
	3	30	0	42	29.1384	3	11	21	18.174	-40	55	58.83	4	9011	VILLA DOLO	5379	4	PL	3406
	3	30	3	25	29.7865	3	7	33	18.839	-19	44	39.50	4	9011	VILLA DOLO	5382	4	YK	3972
	3	30	3	25	45.7859	3	7	31	10.409	-20	51	58.88	4	9011	VILLA DOLO	5382	6	YK	3283
	3	30	13	55	35.3549	3	7	52	43.813	47	58	48.85	4	9005	TOKYO	5471	4	HC	2170
	3	30	13	57	10.8734	3	8	3	19.286	40	7	49.42	4	9005	TOKYO	5471	14	HC	2171
	3	31	1	32	19.5014	3	9	56	9.691	-19	4	21.62	4	9011	VILLA DOLO	5394	3	GL	3292
	3	31	1	32	51.5010	3	9	53	53.482	-22	18	23.19	4	9011	VILLA DOLO	5394	7	GL	3293
	3	31	3	51	11.9502	1	11	45	59.319	28	27	14.48	4	9001	ORGAN PASS	5557	3	RO	1794
	3	31	3	51	15.9505	1	11	45	23.744	28	6	57.89	4	9001	ORGAN PASS	5557	4	RO	1795
	3	31	3	52	10.4914	1	8	47	56.988	32	24	10.63	4	9010	JUPITER	5972	5	PL	3971
	3	31	3	52	18.4916	1	8	47	59.843	31	39	17.79	4	9010	JUPITER	5972	6	PL	3278
	3	31	6	33	17.0478	1	7	41	25.227	41	27	54.38	4	9001	ORGAN PASS	5559	4	BN	1756
	3	31	6	33	37.0521	1	7	43	37.630	39	56	20.80	4	9001	ORGAN PASS	5559	9	BN	1757
	3	31	12	36	28.1690	3	9	3	13.884	-20	30	41.39	4	9003	WOOMERA	8843	4	GL	2186
	3	31	12	36	52.1685	3	9	0	29.441	-22	50	2.29	4	9003	WOOMERA	8843	10	GL	2187
	3	31	14	47	21.3417	3	7	0	14.798	47	20	10.04	4	9005	TOKYO	5494	8	VD	2845
	4	1	2	1	19.2401	1	11	45	19.290	26	5	52.45	4	9010	JUPITER	5988	4	HB	5882
	4	1	2	2	31.2417	1	11	36	13.375	19	54	43.30	4	9010	JUPITER	5988	13	HB	5883
	4	1	2	7	59.3164	1	10	4	20.282	15	29	35.67	4	9009	CURACAO	4874	4	KA	5917
	4	1	2	8	39.3174	1	10	1	26.876	11	26	41.06	4	9009	CURACAO	4874	9	KA	5918
	4	1	4	43	59.1558	1	7	42	59.162	36	7	49.02	4	9010	JUPITER	5990	5	KA	5934
	4	1	4	44	7.1558	1	7	43	38.589	35	31	50.41	4	9010	JUPITER	5990	6	KA	5935
	4	1	4	44	32.2312	1	10	22	18.998	36	32	1.17	4	9001	ORGAN PASS	5579	5	VE	4961
	4	1	4	44	40.2311	1	10	21	32.193	35	44	35.50	4	9001	ORGAN PASS	5579	7	VE	6290
	4	1	7	36	26.1149	1	10	50	21.006	21	26	56.53	4	9012	MAUI	5897	2	VE	7819
	4	1	7	36	54.1148	1	10	47	37.087	18	43	35.05	4	9012	MAUI	5897	9	VE	5946
	4	1	10	15	52.7518	3	12	42	28.951	24	5	12.19	4	9005	TOKYO	5500	3	HB	5632
	4	1	10	16	2.3499	3	12	41	7.785	23	29	2.69	4	9005	TOKYO	5500	4	HB	5633
	4	1	10	47	56.1515	3	11	46	27.477	-34	53	1.75	4	9003	WOOMERA	8850	3	KA	5474
	4	1	10	48	47.3883	3	11	49	52.509	-39	26	40.59	4	9003	WOOMERA	8850	13	KA	5475
	4	1	13	0	24.4195	3	9	14	15.713	41	51	55.60	4	9005	TOKYO	5510	3	KA	5634
	4	1	13	0	34.0678	3	9	14	13.506	40	55	43.64	4	9005	TOKYO	5510	5	KA	5635
	4	1	13	30	17.8410	3	7	58	4.164	-15	37	39.35	4	9003	WOOMERA	8857	4	SJ	5479
	4	1	13	30	41.8408	3	7	55	5.429	-17	29	11.83	4	9003	WOOMERA	8857	10	SJ	5480
	4	1	13	31	18.1424	3	7	50	21.187	-20	17	13.10	4	9003	WOOMERA	8857	14	SJ	5481
	4	1	13	31	42.1422	3	7	47	3.332	-22	7	38.55	4	9003	WOOMERA	8857	17	SJ	5482
	4	2	0	18	14.1156	1	12	16	50.042	1	51	2.68	4	9009	CURACAO	4875	4	SS	5876
	4	2	0	18	22.1157	1	12	16	22.483	1	16	46.84	4	9009	CURACAO	4875	5	SS	5877
	4	2	2	52	58.8246	1	12	37	0.524	25	4	26.03	4	9001	ORGAN PASS	5595	3	HB	4848
	4	2	2	53	30.8280	1	12	32	32.711	22	55	42.06	4	9001	ORGAN PASS	5595	7	HB	4849
	4	2	5	45	34.9820	1	12	34	32.156	10	8	37.47	4	9012	MAUI	5908	4	SY	5947
	4	2	5	45	38.9819	1	12	34	13.141	9	53	37.36	4	9012	MAUI	5908	5	SY	5948

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1962	4	2	8	29	26.7609	1	9	14	7.880	27	24	21.04	4	9012	MAUI	5919	2	VE	5949
	4	2	8	29	34.7609	1	9	13	52.526	26	37	27.55	4	9012	MAUI	5919	4	VE	5950
	4	2	11	40	16.2885	3	10	23	48.287	-30	19	8.29	4	9003	WOOMERA	8873	2	KA	5483
	4	2	11	40	40.2880	3	10	22	40.018	-32	47	37.26	4	9003	WOOMERA	8873	8	KA	5484
	4	2	19	27	59.3072	3	8	6	30.554	37	8	23.76	4	9008	SHIRAZ	7250	2	KA	6306
	4	2	19	28	11.3074	3	8	7	19.414	36	8	34.82	4	9008	SHIRAZ	7250	5	KA	5900
	4	3	1	4	31.0811	1	12	26	52.884	17	9	30.61	4	9010	JUPITER	5996	3	KA	7818
	4	3	1	4	39.0814	1	12	25	59.787	16	36	19.68	4	9010	JUPITER	5996	4	KA	5933
	4	3	1	10	50.7794	1	11	27	58.800	10	36	56.53	4	9009	CURACAO	4889	3	VE	5874
	4	3	1	11	6.7798	1	11	26	38.363	9	10	0.24	4	9009	CURACAO	4889	5	VE	5875
	4	3	3	47	16.7966	10	11	44	7.789	30	29	24.47	4	9001	ORGAN PASS	5620	3	HB	4843
	4	3	3	47	24.7914	10	11	42	55.320	29	48	8.72	4	9001	ORGAN PASS	5620	5	HB	4844
	4	3	3	52	52.3776	1	7	43	6.409	24	38	56.13	4	9009	CURACAO	4895	6	HB	5872
	4	3	3	53	0.3776	1	7	43	19.268	24	5	0.84	4	9009	CURACAO	4895	7	HB	5873
	4	3	6	29	15.9273	1	7	37	22.489	42	15	29.31	4	9001	ORGAN PASS	5624	3	KA	4959
	4	3	6	29	27.9325	1	7	38	50.498	41	21	55.62	4	9001	ORGAN PASS	5624	6	KA	4960
	4	3	6	39	20.8218	1	11	58	21.977	14	48	54.18	4	9012	MAUI	5932	2	KA	5951
	4	3	6	39	36.8220	1	11	56	45.394	13	31	2.77	4	9012	MAUI	5932	6	KA	5952
	4	3	9	21	19.4308	1	7	59	51.355	32	49	6.67	4	9012	MAUI	5938	3	KA	6191
	4	3	9	21	31.4307	1	8	0	23.591	31	51	39.10	4	9012	MAUI	5938	6	KA	6192
	4	3	17	38	40.9806	3	10	55	58.407	29	55	53.64	4	9008	SHIRAZ	7266	2	KA	5901
	4	3	17	38	52.9805	3	10	54	34.019	28	46	38.50	4	9008	SHIRAZ	7266	5	KA	5902
	4	3	20	43	17.6184	1	8	18	36.424	10	49	17.48	4	9002	OLIFANTS	6719	9	SJ	5198
	4	3	20	55	16.4276	1	6	52	16.069	-39	54	16.49	4	9002	OLIFANTS	6720	9	CB	5762
	4	3	20	55	24.4271	1	6	50	38.947	-40	21	57.69	4	9002	OLIFANTS	6720	10	CB	7807
	4	4	1	58	48.5700	1	11	32	9.474	20	42	4.95	4	9010	JUPITER	6008	6	HB	5834
	4	4	1	58	56.5701	1	11	31	12.817	19	59	30.23	4	9010	JUPITER	6008	7	HB	5835
	4	4	10	12	38.5730	3	12	39	17.502	23	6	33.63	4	9005	TOKYO	5534	4	SS	7099
	4	4	10	13	7.3851	3	12	35	20.401	21	14	9.64	4	9005	TOKYO	5534	7	SS	6365
	4	4	10	13	17.5277	1	7	21	22.816	33	36	2.08	4	9012	MAUI	5958	4	KA	6193
	4	4	10	13	33.5279	1	7	22	39.992	32	36	10.89	4	9012	MAUI	5958	6	KA	6194
	4	4	12	56	56.0233	10	9	7	32.644	40	23	56.48	4	9005	TOKYO	5541	2	SY	5491
	4	4	12	57	34.4691	3	9	7	50.286	36	41	44.25	4	9005	TOKYO	5541	6	SY	5492
	4	4	15	48	59.8211	3	12	31	26.240	11	50	5.90	4	9008	SHIRAZ	7271	7	HB	6687
	4	4	18	31	28.1978	3	9	19	35.260	37	1	18.25	4	9008	SHIRAZ	7276	5	OD	5903
	4	4	18	31	36.1980	3	9	19	25.885	36	14	25.61	4	9008	SHIRAZ	7276	7	OD	5904
	4	5	3	10	48.6404	3	8	7	36.213	- 7	24	13.80	4	9007	AREQUIPA	5491	4	FI	6294
	4	5	3	11	4.6405	3	8	6	13.642	- 8	41	50.93	4	9007	AREQUIPA	5491	6	FI	5505
	4	5	5	33	43.7200	1	8	40	13.571	39	37	10.08	4	9001	ORGAN PASS	5642	4	SJ	4845
	4	5	5	42	57.4319	1	12	30	4.056	6	27	29.44	4	9012	MAUI	5963	4	KA	6195
	4	5	5	43	13.4315	1	12	28	53.691	5	24	57.95	4	9012	MAUI	5963	6	KA	6196
	4	5	8	25	45.0588	1	9	7	29.704	27	19	59.61	4	9012	MAUI	5972	4	PB	6225
	4	5	8	25	49.0588	1	9	7	24.076	26	56	45.53	4	9012	MAUI	5972	5	PB	6226
	4	5	11	36	26.5229	1	10	17	8.478	-29	28	16.32	4	9003	WOOMERA	8913	5	KA	5485
	4	5	11	36	42.5225	1	10	16	12.746	-31	7	35.42	4	9003	WOOMERA	8913	9	KA	5486

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	4	5	14	21	34.9426	1	7	22	31.168	-14	55	43.14	4	9003	WOOMERA	8915 5	SY	5487
	4	5	14	21	58.9425	1	7	19	55.237	-16	19	47.60	4	9003	WOOMERA	8915 8	SY	5488
	4	5	16	41	34.6993	3	12	2	57.056	22	26	35.72	4	9008	SHIRAZ	7287 4	OD	5905
	4	5	16	41	46.6995	3	12	1	22.791	21	28	42.88	4	9008	SHIRAZ	7287 7	OD	5906
	4	5	17	0	45.6034	1	12	11	15.559	4	35	45.62	4	9002	OLIFANTS	6739 3	SY	4964
	4	5	17	1	25.6048	1	12	11	28.983	2	11	15.25	4	9002	OLIFANTS	6739 8	SY	4965
	4	5	17	17	10.2345	1	13	51	0.830	-61	48	11.99	4	9002	OLIFANTS	6740 2	SY	4105
	4	5	17	17	18.2351	1	13	53	47.533	-62	13	22.98	4	9002	OLIFANTS	6740 3	SY	5599
	4	5	19	23	47.7975	3	8	1	6.825	39	0	53.19	4	9008	SHIRAZ	7293 2	SY	5907
	4	5	19	24	11.7982	3	8	3	1.139	37	3	56.56	4	9008	SHIRAZ	7293 5	SY	5908
	4	6	1	1	23.4051	1	12	22	33.131	15	24	22.37	4	9010	JUPITER	6019 2	SY	5930
	4	6	1	1	39.4053	1	12	20	50.303	14	15	47.43	4	9010	JUPITER	6019 4	SY	5931
	4	6	3	44	17.0927	1	8	36	41.959	34	32	3.43	4	9010	JUPITER	6022 4	SY	5929
	4	6	3	44	25.0927	1	8	36	54.784	33	48	35.63	4	9010	JUPITER	6022 5	SY	8199
	4	6	3	49	7.9067	1	7	42	15.296	24	27	5.29	4	9009	CURACAO	4918 4	OD	5852
	4	6	3	49	23.9070	1	7	42	42.554	23	20	42.07	4	9009	CURACAO	4918 6	OD	5853
	4	6	6	36	9.8432	1	11	52	17.989	12	52	53.90	4	9012	MAUI	5982 4	KA	6197
	4	6	9	17	20.8231	1	7	56	23.121	33	36	35.49	4	9012	MAUI	5988 3	SS	6199
	4	6	9	17	48.8231	1	7	57	48.127	31	25	33.72	4	9012	MAUI	5988 10	SS	6200
	4	6	20	36	0.3335	1	8	28	48.142	24	50	12.29	4	9002	OLIFANTS	6763 5	KA	5600
	4	6	20	36	24.3343	1	8	27	38.243	23	21	19.44	4	9002	OLIFANTS	6763 8	KA	5601
	4	6	20	36	40.3347	1	8	26	50.711	22	21	29.01	4	9002	OLIFANTS	6763 10	KA	5602
	4	6	20	47	30.0458	1	7	32	1.649	-23	11	47.96	4	9002	OLIFANTS	6763 16	KA	5603
	4	6	20	55	11.4941	1	6	2	41.591	-49	29	28.05	4	9002	OLIFANTS	6764 2	KA	7805
	4	6	20	55	19.4940	1	6	0	32.453	-49	49	0.78	4	9002	OLIFANTS	6764 3	KA	7806
	4	6	23	37	11.5211	3	12	11	3.086	-33	50	31.79	4	9011	VILLA DOLO	5407 4	HB	5964
	4	6	23	37	35.5213	3	12	13	5.619	-35	48	50.80	4	9011	VILLA DOLO	5407 7	HB	5965
	4	7	2	1	5.0003	1	9	47	33.735	13	6	8.06	4	9009	CURACAO	4930 3	OD	5854
	4	7	2	1	21.0007	1	9	46	32.914	11	28	50.84	4	9009	CURACAO	4930 5	OD	5855
	4	7	7	16	34.7871	1	6	57	0.382	43	51	21.83	4	9001	ORGAN PASS	5675 4	SY	4854
	4	7	7	17	14.7895	1	7	3	33.654	41	35	58.79	4	9001	ORGAN PASS	5675 9	SY	4855
	4	7	12	52	51.1483	3	9	0	41.667	42	20	47.08	4	9005	TOKYO	5559 3	KA	5638
	4	7	12	53	10.3146	3	9	1	9.924	40	31	24.34	4	9005	TOKYO	5559 5	KA	5639
	4	7	13	23	38.3346	1	7	49	24.052	-17	47	46.82	4	9003	WOOMERA	8944 3	VE	5478
	4	7	13	24	10.3344	1	7	45	14.764	-20	8	19.84	4	9003	WOOMERA	8944 11	VE	6293
	4	8	0	10	39.3040	1	12	15	15.108	3	14	51.89	4	9009	CURACAO	4938 3	HB	5870
	4	8	0	10	47.3040	1	12	14	44.596	2	38	44.64	4	9009	CURACAO	4938 4	HB	5871
	4	8	0	29	10.8530	3	11	1	50.687	-29	7	4.21	4	9011	VILLA DOLO	5413 3	HB	5884
	4	8	0	30	2.3365	3	11	1	36.719	-34	15	40.24	4	9011	VILLA DOLO	5413 9	HB	6312
	4	8	2	52	22.4274	1	8	27	8.344	25	37	16.64	4	9009	CURACAO	4951 3	HB	5868
	4	8	2	52	38.4274	1	8	27	4.770	24	14	26.72	4	9009	CURACAO	4951 5	HB	5869
	4	8	3	13	27.6928	3	7	39	23.034	-14	9	24.86	4	9011	VILLA DOLO	5416 6	SS	5957
	4	8	8	21	46.3214	1	9	1	29.037	28	48	33.57	4	9012	MAUI	6025 3	SS	6201
	4	8	8	22	6.3215	1	9	1	10.839	26	54	15.71	4	9012	MAUI	6025 8	SS	6202
	4	8	11	2	13.6775	3	12	0	22.111	33	57	18.67	4	9005	TOKYO	5570 2	SY	5493

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	4	8	11	2	42.5038	3	11	55	29.779	31	32	31.31	4	9005	TOKYO	5570	5	SY	5494
	4	8	16	57	5.7048	1	12	11	26.126	4	44	39.37	4	9002	OLIFANTS	6792	4	SY	5604
	4	8	16	57	29.7049	1	12	11	31.877	3	16	34.05	4	9002	OLIFANTS	6792	7	SY	6291
	4	8	17	15	12.6175	10	14	36	36.446	-67	57	45.31	4	9002	OLIFANTS	6793	4	OD	6292
	4	8	17	15	36.6191	1	14	49	15.778	-68	53	58.76	4	9002	OLIFANTS	6793	7	OD	5606
	4	8	19	20	10.2756	10	7	58	46.088	38	3	46.12	4	9008	SHIRAZ	7350	5	SS	6305
	4	8	19	20	26.2771	10	8	0	6.030	36	47	22.76	4	9008	SHIRAZ	7350	7	SS	7817
	4	9	0	56	39.4732	1	12	28	49.878	20	32	25.17	4	9010	JUPITER	6028	4	SY	5927
	4	9	0	56	47.4734	1	12	27	51.679	19	57	51.08	4	9010	JUPITER	6028	5	SY	5928
	4	9	1	3	43.8446	1	11	16	4.211	10	3	1.09	4	9009	CURACAO	4962	3	KA	5856
	4	9	1	4	7.8449	1	11	14	4.036	7	46	21.19	4	9009	CURACAO	4962	6	KA	5857
	4	9	1	21	25.2187	3	9	36	23.522	-19	21	29.47	4	9011	VILLA DOLO	5432	3	KA	5971
	4	9	1	21	41.2184	3	9	34	53.747	-20	57	13.44	4	9011	VILLA DOLO	5432	5	KA	5972
	4	9	3	40	0.8330	1	8	30	35.626	37	10	52.60	4	9010	JUPITER	6039	3	HB	5925
	4	9	3	40	8.8330	1	8	30	55.303	36	28	24.15	4	9010	JUPITER	6039	4	HB	5926
	4	9	3	45	18.4439	1	7	41	34.460	24	34	46.15	4	9009	CURAÇAO	4968	3	SY	5936
	4	9	3	45	50.4440	1	7	42	31.869	22	25	0.00	4	9009	CURAÇAO	4968	7	SY	5937
	4	9	6	31	31.2884	1	11	54	48.004	18	17	4.19	4	9012	MAUI	6038	3	SS	6203
	4	9	6	31	51.2885	1	11	52	38.497	16	35	19.81	4	9012	MAUI	6038	8	SS	6204
	4	9	9	14	14.9644	1	7	56	6.125	30	18	17.96	4	9012	MAUI	6045	3	SS	6205
	4	9	9	14	38.9644	1	7	57	14.532	28	28	5.17	4	9012	MAUI	6045	9	SS	6206
	4	9	12	25	35.1165	1	8	45	54.309	-20	7	9.40	4	9003	WOOMERA	8960	2	SY	5668
	4	9	12	25	59.1159	1	8	42	51.454	-22	19	19.38	4	9003	WOOMERA	8960	8	SY	5669
	4	9	17	30	24.2063	3	10	48	13.723	36	18	55.70	4	9008	SHIRAZ	7367	4	SY	6307
	4	9	17	30	28.2064	3	10	47	45.373	35	55	35.20	4	9008	SHIRAZ	7367	5	SY	5909
	4	9	20	11	15.1951	10	7	13	7.754	41	19	8.20	4	9008	SHIRAZ	7371	4	HB	5691
	4	9	20	11	23.1953	10	7	14	15.087	40	49	39.63	4	9008	SHIRAZ	7371	6	HB	5692
	4	9	20	32	1.9832	1	8	27	36.673	25	34	37.14	4	9002	OLIFANTS	6817	4	KA	5607
	4	9	20	33	13.9847	1	8	24	11.689	21	10	3.86	4	9002	OLIFANTS	6817	9	KA	5608
	4	9	20	34	1.9870	1	8	21	42.203	18	7	56.63	4	9002	OLIFANTS	6817	15	KA	5609
	4	9	20	35	5.9912	1	8	18	5.225	13	57	54.06	4	9002	OLIFANTS	6817	20	KA	5610
	4	9	20	46	51.7983	1	7	4	9.590	-34	12	35.76	4	9002	OLIFANTS	6817	32	KA	5611
	4	9	20	50	57.9565	1	6	13	14.209	-46	58	42.40	4	9002	OLIFANTS	6818	8	CB	7808
	4	9	20	51	53.1937	1	5	59	10.166	-49	15	3.51	4	9002	OLIFANTS	6818	13	CB	7809
	4	9	20	54	59.5040	1	5	4	34.140	-55	6	19.67	4	9002	OLIFANTS	6818	17	CB	7810
	4	9	20	56	24.2667	1	4	36	51.297	-56	48	37.38	4	9002	OLIFANTS	6818	25	CB	5763
	4	9	23	34	3.3442	3	12	11	44.077	-37	18	15.50	4	9011	VILLA DOLO	5440	3	KA	5955
	4	9	23	34	35.3435	3	12	14	43.890	-39	59	21.52	4	9011	VILLA DOLO	5440	7	KA	5956
	4	10	1	56	28.6530	10	9	43	36.846	18	48	8.57	4	9009	CURACAO	4979	3	SS	5862
	4	10	1	56	52.6503	10	9	42	10.851	16	23	15.12	4	9009	CURACAO	4979	6	SS	5863
	4	10	2	9	53.3947	3	9	7	24.029	-11	44	30.91	4	9007	AREQUIPA	5524	4	FI	6295
	4	10	2	10	33.3940	3	9	3	35.454	-15	37	21.90	4	9007	AREQUIPA	5524	9	FI	6296
	4	10	2	11	31.3436	3	8	57	40.045	-21	11	7.77	4	9007	AREQUIPA	5524	14	FI	5508
	4	10	2	11	55.3438	3	8	55	3.341	-23	27	22.23	4	9007	AREQUIPA	5524	17	FI	5509
	4	10	4	32	7.9192	1	7	35	30.669	37	35	36.99	4	9010	JUPITER	6045	2	HB	5923

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	4	10	4	32	15.9192	1	7	36	18.982	37	2	9.74	4	9010	JUPITER	6045	3	HB	5924
	4	10	10	36	17.7675	1	11	32	22.256	-33	26	37.87	4	9003	WOOMERA	8980	3	SY	5670
	4	10	10	36	37.7670	1	11	33	1.530	-35	20	27.12	4	9003	WOOMERA	8980	8	SY	5671
	4	10	13	19	32.9757	1	7	51	12.567	-15	30	48.70	4	9003	WOOMERA	8983	3	SY	5489
	4	10	13	20	4.9754	1	7	47	17.349	-17	48	37.70	4	9003	WOOMERA	8983	11	SY	5490
	4	10	18	24	26.6430	3	9	6	3.320	34	32	4.87	4	9008	SHIRAZ	7388	4	HB	6304
	4	10	18	24	38.6435	3	9	6	4.799	33	22	55.22	4	9008	SHIRAZ	7388	7	HB	5688
	4	11	2	42	21.6102	1	12	31	25.776	25	40	2.17	4	9001	ORGAN PASS	5697	3	SY	4954
	4	11	2	42	29.6088	1	12	30	15.331	25	5	9.92	4	9001	ORGAN PASS	5697	5	SY	5761
	4	11	5	25	47.4675	1	8	28	18.604	41	35	29.66	4	9001	ORGAN PASS	5709	2	HB	4846
	4	11	5	25	59.4693	1	8	29	6.542	40	31	56.21	4	9001	ORGAN PASS	5709	5	HB	4847
	4	11	11	28	37.6551	3	10	4	34.385	-26	37	27.24	4	9003	WOOMERA	9000	3	SY	5672
	4	11	11	28	57.1843	3	10	3	4.433	-28	38	32.76	4	9003	WOOMERA	9000	8	SY	5673
	4	11	14	14	17.4099	3	7	24	46.796	-14	20	44.87	4	9003	WOOMERA	9002	2	SS	5682
	4	11	14	14	57.4094	3	7	20	36.025	-16	34	23.13	4	9003	WOOMERA	9002	7	SS	5683
	4	11	16	52	12.7749	1	12	11	30.648	9	19	2.87	4	9002	OLIFANTS	6842	3	OD	7804
	4	11	16	52	36.7751	1	12	11	24.931	7	53	28.28	4	9002	OLIFANTS	6842	6	OD	5197
	4	11	17	11	37.4523	1	14	42	52.880	-69	29	29.42	4	9002	OLIFANTS	6846	4	SY	4966
	4	11	17	12	1.4528	1	14	56	40.887	-70	23	53.88	4	9002	OLIFANTS	6846	7	SY	4967
	4	11	19	16	58.4457	3	7	59	4.918	35	6	52.10	4	9008	SHIRAZ	7399	4	HB	5689
	4	11	19	17	6.4461	3	7	59	43.234	34	29	31.74	4	9008	SHIRAZ	7399	6	HB	5690
	4	12	0	54	8.5759	1	12	19	15.888	16	0	7.18	4	9010	JUPITER	6064	8	HB	5921
	4	12	0	54	16.5760	1	12	18	22.287	15	23	55.69	4	9010	JUPITER	6064	9	HB	5922
	4	12	3	36	10.5028	1	11	29	38.090	33	8	42.21	4	9001	ORGAN PASS	5726	3	OD	4841
	4	12	3	36	22.5065	1	11	27	52.861	32	2	30.55	4	9001	ORGAN PASS	5726	6	OD	4842
	4	12	3	36	36.0796	1	8	26	51.840	35	12	7.48	4	9010	JUPITER	6071	7	SY	5919
	4	12	3	36	44.0798	1	8	27	13.344	34	30	16.22	4	9010	JUPITER	6071	8	SY	5920
	4	12	6	17	41.1492	1	7	30	40.848	42	15	1.30	4	9001	ORGAN PASS	5737	4	VE	4962
	4	12	6	17	49.1544	1	7	31	47.333	41	41	43.51	4	9001	ORGAN PASS	5737	6	VE	4963
	4	12	6	28	48.8758	1	11	44	41.126	13	47	19.78	4	9012	MAUI	6097	3	SS	6209
	4	12	6	28	52.8758	1	11	44	16.952	13	26	13.26	4	9012	MAUI	6097	4	SS	6210
	4	12	9	40	54.9419	3	12	33	25.565	-38	4	29.23	4	9003	WOOMERA	9015	4	KA	5678
	4	12	9	42	3.3800	3	12	41	49.865	-43	18	14.02	4	9003	WOOMERA	9015	12	KA	5679
	4	12	12	22	24.0370	3	8	37	20.738	-22	19	13.38	4	9003	WOOMERA	9017	3	VE	5674
	4	12	12	23	58.9481	3	8	23	25.997	-30	45	11.04	4	9003	WOOMERA	9017	17	VE	5675
	4	12	20	10	51.4029	3	12	23	10.566	29	59	27.69	4	9004	SAN FERNAN	5218	6	OD	6298
	4	12	20	10	59.4047	3	12	21	50.402	29	22	31.30	4	9004	SAN FERNAN	5218	7	OD	6299
	4	12	20	34	18.4014	1	8	5	14.706	2	11	6.43	4	9002	OLIFANTS	6871	3	SS	5612
	4	12	20	34	26.4029	1	8	4	38.840	1	38	4.89	4	9002	OLIFANTS	6871	4	SS	5613
	4	12	20	40	45.2874	1	7	26	14.297	-24	17	11.42	4	9002	OLIFANTS	6872	4	KA	5618
	4	12	20	41	27.3444	1	7	20	28.213	-26	58	55.96	4	9002	OLIFANTS	6872	8	KA	5619
	4	12	20	46	45.3141	1	6	22	49.845	-44	28	22.75	4	9002	OLIFANTS	6872	19	KA	5620
	4	12	20	50	48.3418	1	5	18	49.890	-53	16	26.40	4	9002	OLIFANTS	6872	33	KA	5621
	4	13	4	29	12.4733	1	9	53	8.201	40	50	30.96	4	9001	ORGAN PASS	5759	3	SY	4852
	4	13	4	29	32.4787	1	9	52	7.931	38	50	41.36	4	9001	ORGAN PASS	5759	8	SY	4853

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	4	13	7	9	6.2213	1	7	0	35.655	42	48	37.12	4	9001	ORGAN PASS	5763	6	SY	4955
	4	13	7	9	22.2235	1	7	3	14.153	41	56	38.39	4	9001	ORGAN PASS	5763	8	SY	4956
	4	13	10	32	54.0313	3	11	27	42.561	-35	38	10.31	4	9003	WOOMERA	9032	9	KA	5466
	4	13	10	33	1.8376	3	11	27	54.568	-36	23	21.90	4	9003	WOOMERA	9032	11	KA	5467
	4	13	13	15	58.2165	3	7	49	35.793	-15	28	19.21	4	9003	WOOMERA	9034	4	KA	5468
	4	13	13	16	49.7149	3	7	43	15.379	-19	3	58.98	4	9003	WOOMERA	9034	14	KA	5469
	4	13	18	20	39.4874	3	9	0	2.491	34	46	53.75	4	9008	SHIRAZ	7412	5	VE	5910
	4	13	18	20	43.4874	3	9	0	5.291	34	24	22.86	4	9008	SHIRAZ	7412	6	VE	5911
	4	14	0	2	40.1142	1	12	14	2.629	6	41	39.24	4	9009	CURACAO	5006	3	SS	5864
	4	14	0	3	12.1147	1	12	11	46.652	4	9	56.71	4	9009	CURACAO	5006	7	SS	5865
	4	14	0	22	6.9603	3	10	49	3.371	-31	29	37.27	4	9011	VILLA DOLO	5444	3	HB	5958
	4	14	0	22	22.9600	3	10	48	37.547	-33	7	46.88	4	9011	VILLA DOLO	5444	5	HB	5959
	4	14	2	40	9.9912	1	12	17	33.273	19	42	13.51	4	9001	ORGAN PASS	5778	3	KA	4957
	4	14	2	40	21.9850	1	12	16	0.788	18	47	0.95	4	9001	ORGAN PASS	5778	6	KA	4958
	4	14	5	21	58.8734	1	8	23	22.346	41	37	7.24	4	9001	ORGAN PASS	5783	3	SJ	4850
	4	14	5	22	10.8699	1	8	24	17.355	40	34	54.09	4	9001	ORGAN PASS	5783	6	SJ	4851
	4	14	8	14	57.4762	1	8	49	56.819	25	7	21.99	4	9012	MAUI	6137	8	OD	6207
	4	14	8	15	13.4767	1	8	49	54.086	23	38	46.99	4	9012	MAUI	6137	10	OD	6208
	4	14	10	55	57.5948	3	11	41	19.738	29	53	10.76	4	9005	TOKYO	5587	4	SS	5495
	4	14	10	56	26.3940	3	11	37	9.911	27	18	23.75	4	9005	TOKYO	5587	7	SS	7812
	4	14	11	24	30.5822	3	9	59	35.890	-23	48	23.69	4	9003	WOOMERA	9049	4	SD	5470
	4	14	11	25	16.1911	3	9	55	45.534	-28	29	39.35	4	9003	WOOMERA	9049	15	SD	5471
	4	14	14	11	4.3976	3	7	23	36.389	-15	28	21.75	4	9003	WOOMERA	9053	3	SS	5652
	4	14	14	11	24.3973	3	7	21	31.254	-16	33	30.15	4	9003	WOOMERA	9053	8	SS	5653
	4	14	16	48	53.0949	1	12	11	10.953	8	20	51.55	4	9002	OLIFANTS	6910	10	SY	5617
	4	14	17	8	52.7070	1	15	22	23.659	-72	45	1.76	4	9002	OLIFANTS	6912	5	VE	5214
	4	14	17	9	0.7066	1	15	28	7.480	-72	58	42.65	4	9002	OLIFANTS	6912	6	VE	5764
	4	15	0	49	28.6C07	1	12	24	33.068	21	6	29.82	4	9010	JUPITER	6109	3	HB	5838
	4	15	0	49	44.6C07	1	12	22	33.610	19	53	12.11	4	9010	JUPITER	6109	5	HB	5839
	4	15	3	32	31.1027	1	8	21	41.179	36	41	4.38	4	9010	JUPITER	6111	5	SS	5840
	4	15	3	32	47.1012	1	8	22	34.341	35	19	13.51	4	9010	JUPITER	6111	7	SS	5841
	4	15	6	13	37.6740	1	7	27	22.720	43	0	21.74	4	9001	ORGAN PASS	5804	2	OD	4839
	4	15	6	13	49.6693	1	7	29	8.130	42	11	54.59	4	9001	ORGAN PASS	5804	5	OD	4840
	4	15	12	18	39.7004	10	8	33	29.073	-21	27	41.61	4	9003	WOOMERA	9072	4	KA	5666
	4	15	12	18	59.2650	10	8	30	49.450	-23	10	42.39	4	9003	WOOMERA	9072	9	KA	5667
	4	15	20	36	29.7039	1	7	30	43.351	-21	22	17.05	4	9002	OLIFANTS	6930	4	KA	5215
	4	15	20	42	9.8429	1	6	36	29.775	-40	52	27.53	4	9002	OLIFANTS	6930	15	KA	5217
	4	15	20	42	49.8431	1	6	28	12.153	-42	45	15.52	4	9002	OLIFANTS	6930	20	KA	5218
	4	16	4	25	35.0784	1	9	44	59.558	40	25	46.13	4	9001	ORGAN PASS	5824	3	OD	7803
	4	16	4	25	43.0799	1	9	44	42.281	39	37	57.89	4	9001	ORGAN PASS	5824	5	OD	4952
	4	16	7	4	33.4630	1	6	54	9.747	44	51	4.05	4	9001	ORGAN PASS	5829	4	OD	4953
	4	16	7	17	35.9074	1	10	15	47.396	25	47	41.03	4	9012	MAUI	6150	3	HB	6219
	4	16	7	17	43.9076	1	10	15	11.605	24	58	56.02	4	9012	MAUI	6150	5	HB	6220
	4	16	10	28	22.0553	3	11	21	22.706	-31	9	10.99	4	9003	WOOMERA	9087	3	KA	5664
	4	16	10	28	42.0551	3	11	21	34.683	-33	6	42.02	4	9003	WOOMERA	9087	8	KA	5665

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	4	16	13	12	29.7057	3	7	47	35.478	-15	50	57.39	4	9003	WOOMERA	9092	4	OD	5766
	4	16	13	12	33.7055	3	7	47	6.819	-16	7	22.83	4	9003	WOOMERA	9092	5	OD	5224
	4	17	2	36	5.0295	1	9	39	23.728	35	29	52.26	4	9010	JUPITER	6132	3	SS	5844
	4	17	2	36	37.0304	1	9	38	17.267	32	18	49.08	4	9010	JUPITER	6132	7	SS	5845
	4	17	5	17	51.7344	1	8	17	9.089	43	9	49.53	4	9001	ORGAN PASS	5852	3	VE	4934
	4	17	5	18	13.6714	1	8	19	8.468	41	18	26.44	4	9001	ORGAN PASS	5852	7	VE	4935
	4	17	11	21	30.5502	1	9	48	56.738	-27	48	15.54	4	9003	WOOMERA	9111	4	OD	5225
	4	17	11	21	54.5497	1	9	46	34.279	-30	15	39.55	4	9003	WOOMERA	9111	10	OD	5226
	4	18	3	28	35.5087	1	11	19	4.700	35	45	33.26	4	9001	ORGAN PASS	5864	3	VE	4936
	4	18	3	28	37.8504	10	8	17	23.679	37	4	48.24	4	9010	JUPITER	6158	2	SS	5843
	4	18	3	28	59.5085	1	11	15	45.508	33	28	18.84	4	9001	ORGAN PASS	5864	6	VE	4937
	4	18	6	9	57.1389	1	7	27	44.797	42	11	51.53	4	9001	ORGAN PASS	5868	7	KA	4938
	4	18	6	10	5.1435	1	7	28	54.512	41	40	10.35	4	9001	ORGAN PASS	5868	9	KA	4939
	4	18	9	33	34.0126	1	12	30	41.998	-39	48	41.71	4	9003	WOOMERA	9128	4	SS	5662
	4	18	9	33	50.0122	1	12	32	26.806	-41	5	53.61	4	9003	WOOMERA	9128	8	SS	5663
	4	18	12	14	57.7169	1	8	29	44.273	-20	48	44.36	4	9003	WOOMERA	9131	2	VE	5680
	4	18	12	15	13.7165	1	8	27	34.472	-22	11	6.92	4	9003	WOOMERA	9131	6	VE	5681
	4	18	23	19	33.0792	3	11	52	10.763	-21	7	54.38	4	9011	VILLA DOLO	5449	3	SS	5961
	4	18	23	21	35.5376	3	11	57	0.449	-31	57	41.75	4	9011	VILLA DOLO	5449	6	SS	5962
	4	18	23	23	58.1372	3	12	6	56.664	-44	44	52.35	4	9011	VILLA DOLO	5449	20	SS	5963
	4	19	1	39	36.5064	1	11	9	35.046	28	5	12.98	4	9010	JUPITER	6164	3	SS	7100
	4	19	1	58	29.6093	3	8	52	22.437	- 8	44	18.50	4	9007	AREQUIPA	5575	3	FI	5510
	4	19	1	58	37.6089	3	8	51	38.157	- 9	28	34.00	4	9007	AREQUIPA	5575	4	FI	5511
	4	19	7	13	45.3352	1	10	8	39.347	26	55	36.26	4	9012	MAUI	6173	3	SS	6217
	4	19	7	14	5.3353	1	10	7	18.934	24	53	47.32	4	9012	MAUI	6173	8	SS	6218
	4	19	10	24	33.8856	1	11	15	41.877	-30	50	10.07	4	9003	WOOMERA	9148	3	SJ	5630
	4	19	10	24	49.8853	1	11	15	40.727	-32	25	34.75	4	9003	WOOMERA	9148	7	SJ	5631
	4	19	12	38	4.4253	3	8	39	0.148	40	36	44.23	4	9005	TOKYO	5659	3	FI	7813
	4	19	12	38	33.2559	3	8	40	53.450	38	1	41.70	4	9005	TOKYO	5659	6	FI	7814
	4	19	13	9	14.6723	1	7	44	18.916	-17	5	55.22	4	9003	WOOMERA	9149	3	SS	7098
	4	19	13	9	44.9854	1	7	40	35.441	-19	6	2.48	4	9003	WOOMERA	9149	9	SS	5661
	4	20	0	8	28.9858	3	11	43	12.244	-18	39	36.03	4	9007	AREQUIPA	5583	5	FI	6297
	4	20	0	8	52.9858	3	11	42	57.097	-20	53	37.18	4	9007	AREQUIPA	5583	8	FI	5513
	4	20	0	14	26.4813	3	10	35	59.546	-29	54	7.32	4	9011	VILLA DOLO	5454	4	SS	5953
	4	20	0	14	50.4810	3	10	34	47.282	-32	23	6.24	4	9011	VILLA DOLO	5454	7	SS	6313
	4	20	2	32	55.4089	1	9	31	12.822	32	13	18.55	4	9010	JUPITER	6181	4	HB	5849
	4	20	10	48	19.7830	3	11	33	30.452	32	44	6.64	4	9005	TOKYO	5672	2	FI	7815
	4	20	10	49	17.4074	3	11	25	31.006	27	21	24.43	4	9005	TOKYO	5672	8	FI	5500
	4	20	11	16	48.7306	1	9	47	51.782	-21	22	19.45	4	9003	WOOMERA	9151	4	OD	7811
	4	20	11	17	16.7303	1	9	45	11.371	-24	12	9.75	4	9003	WOOMERA	9151	11	OD	5659
	4	20	16	58	23.7255	1	13	40	58.954	-67	5	37.26	4	9002	OLIFANTS	7002	3	VE	5219
	4	20	16	58	31.7264	1	13	44	8.971	-67	33	10.16	4	9002	OLIFANTS	7002	4	VE	5765
	4	21	1	7	19.2514	3	9	8	30.528	-21	40	18.34	4	9011	VILLA DOLO	5461	3	HB	7101
	4	21	1	7	51.2507	3	9	4	30.291	-24	42	47.58	4	9011	VILLA DOLO	5461	7	HB	7102
	4	21	9	29	36.0090	1	12	26	52.120	-39	15	30.34	4	9003	WOOMERA	9165	4	VE	5462

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	4	21	9	29	56.0084	1	12	28	53.584	-40	54	27.83	4	9003	WOOMERA	9165 9	VE	5463
	4	21	12	11	39.7591	10	8	23	8.428	-22	10	53.07	4	9003	WOOMERA	9167 4	SD	5472
	4	21	12	12	35.7585	10	8	14	57.435	-26	49	19.52	4	9003	WOOMERA	9167 18	SD	5473
	4	21	20	20	59.9493	1	8	12	1.067	10	57	37.21	4	9002	OLIFANTS	7028 6	SS	5208
	4	21	20	21	15.9501	1	8	11	6.829	9	57	41.36	4	9002	OLIFANTS	7028 8	SS	5209
	4	21	20	33	2.0660	1	6	59	14.854	-33	37	46.05	4	9002	OLIFANTS	7029 8	CB	5210
	4	21	20	34	55.8396	1	6	39	14.773	-39	17	19.35	4	9002	OLIFANTS	7029 19	CB	5211
	4	22	1	38	1.7464	10	10	50	15.235	16	3	55.65	4	9010	JUPITER	6195 2	SY	5847
	4	22	1	38	33.7468	10	10	47	30.453	12	55	6.80	4	9010	JUPITER	6195 6	SY	5848
	4	22	4	18	39.1327	1	9	29	40.657	37	27	30.52	4	9001	ORGAN PASS	5934 5	KA	4940
	4	22	4	18	47.1331	1	9	29	36.347	36	40	8.11	4	9001	ORGAN PASS	5934 6	KA	4941
	4	22	10	21	1.0371	1	11	9	31.869	-32	0	14.46	4	9003	WOOMERA	9182 4	KA	5624
	4	22	10	21	25.0365	1	11	9	16.031	-34	25	25.41	4	9003	WOOMERA	9182 10	KA	5625
	4	22	12	33	12.1340	3	8	28	27.277	46	14	30.46	4	9005	TOKYO	5706 4	FI	5501
	4	22	12	33	40.8685	3	8	31	15.996	43	44	12.11	4	9005	TOKYO	5706 7	FI	7816
	4	22	13	5	31.3281	1	7	44	42.313	-16	26	55.72	4	9003	WOOMERA	9183 5	SJ	5628
	4	22	13	5	39.3280	1	7	43	45.616	-16	58	2.17	4	9003	WOOMERA	9183 7	SJ	5629
	4	23	0	5	47.2987	3	11	37	25.610	-24	34	17.61	4	9007	AREQUIPA	5625 10	SS	5885
	4	23	0	6	19.2971	3	11	37	3.176	-27	36	31.96	4	9007	AREQUIPA	5625 14	SS	5886
	4	23	2	34	10.4889	1	8	11	51.175	22	29	6.56	4	9009	CURACAO	5052 4	SS	8200
	4	23	2	34	34.4892	1	8	12	10.673	20	37	40.17	4	9009	CURACAO	5052 7	SS	5861
	4	23	2	38	52.9310	1	11	18	50.309	-22	55	48.97	4	9001	ORGAN PASS	5947 7	KA	4942
	4	23	2	39	16.9344	1	11	17	26.684	-24	25	38.43	4	9001	ORGAN PASS	5947 10	KA	4943
	4	23	2	47	9.1399	3	8	3	50.946	0	55	21.71	4	9007	AREQUIPA	5629 4	OD	5686
	4	23	2	47	25.1403	3	8	2	50.531	- 0	11	53.38	4	9007	AREQUIPA	5629 6	OD	5687
	4	23	5	10	41.6390	1	8	11	57.044	40	42	18.04	4	9001	ORGAN PASS	5953 8	SD	4944
	4	23	5	10	49.6400	1	8	12	44.830	40	3	12.68	4	9001	ORGAN PASS	5953 9	SD	4945
	4	23	10	43	58.3545	10	11	33	48.330	37	11	5.31	4	9005	TOKYO	5721 4	VE	5640
	4	23	10	45	24.8161	10	11	21	28.766	29	0	15.02	4	9005	TOKYO	5721 13	VE	5641
	4	23	11	12	56.1991	1	9	42	30.556	-19	57	27.91	4	9003	WOOMERA	9198 3	VE	5464
	4	23	11	13	15.7396	1	9	40	33.986	-21	54	36.58	4	9003	WOOMERA	9198 8	VE	5465
	4	24	0	44	34.8803	1	10	46	17.756	16	11	5.18	4	9009	CURACAO	5053 5	OD	6310
	4	24	0	45	14.8807	1	10	43	2.402	12	7	18.25	4	9009	CURACAO	5053 10	OD	5851
	4	24	0	56	24.6884	3	10	13	27.082	- 5	37	39.38	4	9007	AREQUIPA	5642 9	SS	5887
	4	24	0	56	40.6878	3	10	12	16.813	- 7	15	30.71	4	9007	AREQUIPA	5642 11	SS	5888
	4	24	3	20	26.8945	1	11	11	3.443	41	25	23.32	4	9001	ORGAN PASS	5972 3	SD	4946
	4	24	3	20	34.8941	1	11	9	55.650	40	39	12.16	4	9001	ORGAN PASS	5972 4	SD	4947
	4	24	3	21	56.9744	1	8	14	36.777	32	26	34.65	4	9010	JUPITER	6221 6	HB	5850
	4	24	3	26	47.7498	1	7	43	32.729	22	46	10.13	4	9009	CURACAO	5056 1	SY	5938
	4	24	3	26	55.7501	1	7	43	50.437	22	17	18.84	4	9009	CURACAO	5056 2	SY	5939
	4	24	6	2	0.6291	1	7	24	4.441	42	51	7.18	4	9001	ORGAN PASS	5979 4	SD	4948
	4	24	6	2	8.6295	1	7	25	19.915	42	21	2.71	4	9001	ORGAN PASS	5979 5	SD	4949
	4	24	6	13	46.0693	1	11	26	12.163	17	28	30.61	4	9012	MAUI	6194 5	HB	6221
	4	24	6	14	18.0694	1	11	22	59.813	14	24	20.42	4	9012	MAUI	6194 9	HB	6222
	4	24	9	26	15.3457	1	12	26	16.061	-41	48	6.46	4	9003	WOOMERA	9218 3	SY	5650

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	4	24	9	26	35.3455	1	12	28	22.003	-43	28	51.63	4	9003	WOOMERA	9218 8	SY	5651
	4	24	12	7	45.5460	1	8	21	53.492	-20	30	3.28	4	9003	WOOMERA	9222 5	FI	5622
	4	24	12	8	13.5457	1	8	18	1.775	-22	46	56.50	4	9003	WOOMERA	9222 12	FI	5623
	4	24	17	12	42.1653	3	10	5	16.250	33	17	30.95	4	9008	SHIRAZ	7445 4	SY	5912
	4	24	17	12	58.1657	3	10	4	23.547	31	39	57.92	4	9008	SHIRAZ	7445 8	SY	5913
	4	25	1	37	18.3396	1	9	11	25.732	22	50	1.00	4	9009	CURACAO	5069 3	SS	5858
	4	25	1	37	42.3398	1	9	10	43.390	20	33	10.76	4	9009	CURACAO	5069 6	SS	5859
	4	25	1	50	16.7254	3	8	47	33.075	- 3	36	25.65	4	9007	AREQUIPA	5658 6	HB	6300
	4	25	1	50	48.7246	3	8	44	49.168	- 6	25	46.25	4	9007	AREQUIPA	5658 10	HB	6301
	4	25	4	13	8.3060	1	7	33	39.139	36	24	23.58	4	9010	JUPITER	6243 5	SS	5846
	4	25	10	17	27.4078	10	11	2	47.117	-33	3	38.45	4	9003	WOOMERA	9238 3	SY	5654
	4	25	10	17	51.4073	10	11	2	14.855	-35	30	19.97	4	9003	WOOMERA	9238 9	SY	5655
	4	25	13	2	11.9372	1	7	42	33.799	-17	20	10.88	4	9003	WOOMERA	9239 5	SY	5626
	4	25	13	2	27.9368	1	7	40	39.668	-18	20	26.13	4	9003	WOOMERA	9239 9	SY	5627
	4	25	18	4	57.2853	3	8	37	42.068	38	3	57.77	4	9008	SHIRAZ	7466 3	HB	6308
	4	25	18	5	13.2860	3	8	38	35.979	36	39	16.90	4	9008	SHIRAZ	7466 5	HB	5914
	4	26	0	1	6.6466	3	11	32	57.393	-19	9	32.57	4	9007	AREQUIPA	5670 2	SS	5889
	4	26	0	1	38.6461	3	11	32	14.576	-22	15	20.15	4	9007	AREQUIPA	5670 6	SS	5890
	4	26	2	24	16.6407	1	9	18	8.973	39	5	23.91	4	9010	JUPITER	6262 6	SS	5880
	4	26	2	24	32.6407	1	9	18	10.848	37	33	16.40	4	9010	JUPITER	6262 8	SS	5881
	4	26	2	30	28.0459	1	8	10	5.746	22	9	58.09	4	9009	CURACAO	5074 4	KA	5866
	4	26	2	30	44.0461	1	8	10	21.604	20	57	25.12	4	9009	CURACAO	5074 6	KA	5867
	4	26	19	35	10.0142	1	6	28	45.056	-52	23	56.35	4	9002	OLIFANTS	7065 6	OD	5221
	4	26	19	35	34.0134	1	6	21	30.700	-53	25	4.96	4	9002	OLIFANTS	7065 9	OD	5222
	4	27	0	39	52.6715	1	10	43	45.537	22	38	27.60	4	9009	CURACAO	5078 2	HB	5940
	4	27	0	40	8.6718	1	10	42	24.430	21	2	12.02	4	9009	CURACAO	5078 4	HB	5941
	4	27	0	52	10.1352	3	10	8	50.815	- 2	4	43.20	4	9007	AREQUIPA	5696 6	HB	6302
	4	27	0	52	50.1343	3	10	5	50.360	- 6	6	51.06	4	9007	AREQUIPA	5696 11	HB	6303
	4	27	6	9	59.9944	1	11	20	32.107	18	24	57.24	4	9012	MAUI	6208 4	SS	6215
	4	27	6	10	31.9944	1	11	17	22.249	15	17	26.88	4	9012	MAUI	6208 8	SS	6216
	4	27	8	52	29.5096	1	7	53	3.446	25	39	14.42	4	9012	MAUI	6217 10	SS	6213
	4	27	8	52	37.5099	1	7	53	29.855	25	7	15.67	4	9012	MAUI	6217 11	SS	6214
	4	27	11	33	45.2567	3	9	45	56.456	41	26	36.44	4	9005	TOKYO	5749 3	SJ	5642
	4	27	11	34	9.2037	3	9	45	29.591	39	2	51.46	4	9005	TOKYO	5749 8	SJ	5643
	4	27	14	12	9.1142	3	6	54	10.464	47	16	51.76	4	9005	TOKYO	5755 2	FI	5503
	4	27	14	12	37.9001	3	7	0	19.075	45	49	15.24	4	9005	TOKYO	5755 5	FI	5504
	4	27	20	16	49.2464	1	7	59	53.911	- 0	58	30.79	4	9002	OLIFANTS	7094 3	HB	5201
	4	27	20	17	21.2471	1	7	57	33.975	- 2	57	8.97	4	9002	OLIFANTS	7094 7	HB	5202
	4	27	20	23	7.2227	10	7	23	59.023	-23	43	51.54	4	9002	OLIFANTS	7095 3	HB	5206
	4	27	20	23	23.2188	10	7	21	59.372	-24	37	49.49	4	9002	OLIFANTS	7095 5	HB	5207
	4	28	1	28	26.4220	1	10	48	38.039	30	4	40.97	4	9010	JUPITER	6271 3	HB	5836
	4	28	1	28	42.4296	1	10	47	6.644	28	27	41.60	4	9010	JUPITER	6271 5	HB	5837
	4	28	1	46	49.8279	3	8	42	21.879	- 4	36	14.60	4	9007	AREQUIPA	5706 3	SS	5891
	4	28	1	47	5.8279	3	8	41	0.615	- 5	58	59.55	4	9007	AREQUIPA	5706 5	SS	5892
	4	28	4	10	10.1921	1	9	15	28.733	43	12	55.73	4	9001	ORGAN PASS	6022 3	OD	4950

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	4	28	4	10	18.1887	1	9	15	40.451	42	26	58.47	4	9001	ORGAN PASS	6022	4	OD	4951
	4	28	10	13	30.9442	1	10	56	17.490	-31	42	58.29	4	9003	WOOMERA	9276	2	SS	5684
	4	28	10	13	42.9437	1	10	55	52.578	-32	56	52.33	4	9003	WOOMERA	9276	5	SS	5685
	4	28	12	26	11.2106	3	8	23	11.194	42	56	52.97	4	9005	TOKYO	5766	4	KA	5648
	4	28	12	26	20.8109	3	8	24	12.034	42	8	23.36	4	9005	TOKYO	5766	5	KA	5649
	4	28	12	58	22.4234	1	7	44	12.859	-16	19	4.29	4	9003	WOOMERA	9278	2	KA	5676
	4	28	12	58	46.4232	1	7	41	27.186	-17	47	28.47	4	9003	WOOMERA	9278	8	KA	5677
	4	28	18	0	40.9707	3	8	31	15.386	40	28	2.35	4	9008	SHIRAZ	7475	3	KA	5915
	4	28	18	0	44.9707	3	8	31	33.285	40	7	25.35	4	9008	SHIRAZ	7475	4	KA	5916
	4	28	23	56	44.6261	3	11	28	21.858	-15	21	5.70	4	9007	AREQUIPA	5717	9	OD	5893
	4	28	23	57	16.6260	3	11	27	23.594	-18	29	24.83	4	9007	AREQUIPA	5717	13	OD	5894
	4	29	2	21	13.5484	1	9	11	55.034	35	2	34.42	4	9010	JUPITER	6286	4	SS	6311
	4	29	2	21	21.5524	1	9	11	59.741	34	16	43.51	4	9010	JUPITER	6286	5	SS	5879
	4	29	2	26	32.9586	1	8	8	26.703	22	46	48.11	4	9009	CURACAO	5104	3	HB	5942
	4	29	2	26	48.9587	1	8	8	46.537	21	35	57.16	4	9009	CURACAO	5104	5	HB	5943
	4	29	2	40	33.7015	3	7	59	59.541	- 2	0	26.00	4	9007	AREQUIPA	5718	6	OD	5895
	4	29	2	40	49.7013	3	7	58	58.696	- 3	4	15.67	4	9007	AREQUIPA	5718	8	OD	5896
	4	29	2	49	34.6363	10	7	33	1.997	-17	48	25.38	4	9011	VILLA DOLO	5494	2	KA	5968
	4	29	2	50	38.6377	10	7	25	33.859	-21	17	11.01	4	9011	VILLA DOLO	5494	6	KA	5969
	4	29	2	52	22.3605	3	7	11	57.864	-26	43	22.67	4	9011	VILLA DOLO	5494	11	KA	5970
	4	29	7	57	30.3629	1	8	31	37.311	18	27	22.94	4	9012	MAUI	6228	5	SS	6211
	4	29	7	57	38.3636	1	8	31	44.751	17	47	50.59	4	9012	MAUI	6228	6	SS	6212
	4	29	10	36	58.7269	3	11	17	21.878	36	16	17.58	4	9005	TOKYO	5781	3	KA	5644
	4	29	10	37	27.5385	3	11	13	35.961	33	27	5.53	4	9005	TOKYO	5781	6	KA	5645
	4	29	11	6	37.3564	1	9	22	59.688	-25	28	37.19	4	9003	WOOMERA	9298	9	KA	5476
	4	29	11	7	33.3554	1	9	15	41.406	-30	54	51.98	4	9003	WOOMERA	9298	21	KA	5477
	4	29	13	16	11.6468	3	7	12	57.554	50	9	13.79	4	9005	TOKYO	5788	3	VE	5646
	4	29	13	16	49.9719	3	7	21	14.440	47	45	50.70	4	9005	TOKYO	5788	7	VE	5647
	4	29	16	29	3.2052	1	12	7	23.350	15	23	33.10	4	9002	OLIFANTS	7133	12	SY	5203
	4	29	16	37	57.7586	1	12	7	55.893	-25	52	23.00	4	9002	OLIFANTS	7133	17	SY	5204
	4	29	16	38	13.7575	1	12	8	25.760	-27	17	20.80	4	9002	OLIFANTS	7133	19	SY	5205
	4	29	19	22	25.0241	1	8	12	36.737	-16	49	6.98	4	9002	OLIFANTS	7135	12	KA	5614
	4	29	19	22	41.0282	1	8	10	43.352	-18	2	26.55	4	9002	OLIFANTS	7135	14	KA	5615
	4	29	19	33	34.2093	1	5	51	27.558	-55	50	43.39	4	9002	OLIFANTS	7136	6	SY	5616
	4	29	20	20	0.4420	10	1	9	4.026	-16	13	59.13	4	9003	WOOMERA	9310	5	OD	5656
	4	29	20	20	16.4417	10	1	7	28.145	-15	23	4.54	4	9003	WOOMERA	9310	7	OD	5657
	4	30	0	38	3.3427	1	10	27	16.489	11	29	24.27	4	9009	CURACAO	5115	4	HB	5944
	4	30	0	38	11.3428	1	10	26	41.665	10	39	54.23	4	9009	CURACAO	5115	5	HB	5945
	4	30	0	49	59.4204	3	9	54	41.128	-11	1	32.44	4	9007	AREQUIPA	5730	7	OD	5897
	4	30	0	50	31.4198	3	9	51	56.797	-14	17	11.01	4	9007	AREQUIPA	5730	11	OD	5898
	4	30	0	56	49.0986	10	8	49	23.494	-23	11	1.39	4	9011	VILLA DOLO	5514	4	HB	5966
	4	30	0	57	13.0982	10	8	46	1.789	-25	19	18.25	4	9011	VILLA DOLO	5514	7	HB	5967
	4	30	6	5	47.4153	1	11	17	9.946	21	57	39.41	4	9012	MAUI	6236	6	PB	6223
	4	30	6	5	51.4154	1	11	16	45.170	21	34	1.42	4	9012	MAUI	6236	7	PB	6224
	4	30	23	5	58.9116	3	11	38	20.269	-29	5	22.99	4	9011	VILLA DOLO	5521	2	HB	5960

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	4	30	23	6	30.9114	3	11	38	49.897	-32	10	49.45	4	9011	VILLA DOLO	5521	6	HB	7633
	5	1	1	25	28.0691	1	10	37	20.356	26	1	17.62	4	9010	JUPITER	6313	4	LT	9377
	5	1	1	25	36.0692	1	10	36	41.866	25	12	19.50	4	9010	JUPITER	6313	5	LT	8726
	5	1	1	31	0.9320	1	8	59	2.713	16	20	36.93	4	9009	CURACAO	5134	4	RO	9379
	5	1	1	31	16.9323	1	8	58	41.424	14	52	35.72	4	9009	CURACAO	5134	6	RO	8731
	5	1	1	43	37.4291	3	8	36	24.603	- 6	45	49.91	4	9007	AREQUIPA	5743	9	BN	8530
	5	1	1	43	45.4284	3	8	35	43.362	- 7	26	9.64	4	9007	AREQUIPA	5743	10	BN	8531
	5	1	1	50	55.0310	3	7	58	58.820	-18	22	54.52	4	9011	VILLA DOLO	5523	6	BN	8643
	5	1	1	51	3.0321	3	7	57	57.436	-18	56	10.16	4	9011	VILLA DOLO	5523	7	BN	8644
	5	1	4	7	22.1292	1	9	10	38.786	37	41	0.79	4	9001	ORGAN PASS	6063	5	BN	8139
	5	1	4	7	30.1344	1	9	10	51.662	36	55	19.20	4	9001	ORGAN PASS	6063	6	BN	8140
	5	1	6	59	26.0700	1	9	37	55.083	24	18	28.81	4	9012	MAUI	6249	7	LT	8911
	5	1	6	59	34.0702	1	9	37	39.322	23	30	36.45	4	9012	MAUI	6249	8	LT	8912
	5	1	20	42	28.8563	3	10	28	1.405	40	2	11.92	4	9004	SAN FERNAN	5360	4	HC	8542
	5	1	20	42	44.8565	3	10	26	50.390	38	24	32.23	4	9004	SAN FERNAN	5360	6	HC	8543
	5	1	23	53	38.0821	3	11	21	6.490	-18	54	14.47	4	9007	AREQUIPA	5758	9	BN	8528
	5	1	23	54	18.0816	3	11	19	40.328	-22	54	2.55	4	9007	AREQUIPA	5758	14	BN	8529
	5	2	0	2	53.1219	3	9	44	7.847	-48	50	3.61	4	9011	VILLA DOLO	5533	6	BN	352
	5	2	0	3	9.1213	3	9	41	34.457	-50	21	23.30	4	9011	VILLA DOLO	5533	8	BN	8642
	5	2	2	17	4.5778	1	9	5	31.217	37	12	30.72	4	9010	JUPITER	6332	3	LT	9375
	5	2	2	17	12.5755	1	9	5	42.496	36	27	36.81	4	9010	JUPITER	6332	4	LT	9376
	5	2	2	22	16.0809	1	8	6	29.451	24	55	11.77	4	9009	CURACAO	5141	3	LT	8728
	5	2	2	22	32.0813	1	8	6	56.037	23	46	3.55	4	9009	CURACAO	5141	4	LT	8729
	5	2	2	36	26.5063	3	8	1	33.551	- 0	8	58.17	4	9007	AREQUIPA	5760	11	PL	8526
	5	2	2	36	34.5059	3	8	1	5.471	- 0	40	10.56	4	9007	AREQUIPA	5760	12	PL	8527
	5	2	2	45	55.8991	3	7	34	41.026	-17	27	48.27	4	9011	VILLA DOLO	5534	4	BN	8639
	5	2	2	46	43.9006	3	7	29	16.904	-20	1	27.84	4	9011	VILLA DOLO	5534	7	BN	8640
	5	2	10	39	17.4483	3	10	38	48.757	2	22	21.38	4	9005	TOKYO	5818	5	MW	8536
	5	2	10	39	27.0479	3	10	38	12.687	1	32	55.46	4	9005	TOKYO	5818	6	MW	8537
	5	2	11	2	13.4385	1	9	22	15.791	-20	53	19.74	4	9003	WOOMERA	9327	3	MW	8498
	5	2	11	2	41.4379	1	9	18	54.096	-23	34	25.14	4	9003	WOOMERA	9327	10	MW	8499
	5	2	16	27	46.1076	1	12	3	1.179	6	2	56.61	4	9002	OLIFANTS	7189	8	HC	9358
	5	2	16	28	24.2446	1	12	2	34.561	3	14	52.74	4	9002	OLIFANTS	7189	12	HC	8328
	5	2	19	7	46.1277	1	8	59	12.660	29	59	2.59	4	9002	OLIFANTS	7194	5	HC	8329
	5	2	19	8	10.1281	1	8	58	7.859	28	32	30.79	4	9002	OLIFANTS	7194	8	HC	9542
	5	2	19	26	38.6070	1	6	49	37.535	-46	43	36.08	4	9002	OLIFANTS	7195	21	VD	8295
	5	2	19	29	5.7626	1	6	9	33.431	-53	0	27.13	4	9002	OLIFANTS	7195	35	VD	8296
	5	2	20	16	31.3314	1	1	9	34.279	-16	12	42.19	4	9003	WOOMERA	9335	5	PL	8494
	5	2	20	16	43.3314	1	1	8	21.418	-15	33	38.97	4	9003	WOOMERA	9335	8	PL	8495
	5	3	0	46	13.8234	3	9	48	4.271	-10	18	52.17	4	9007	AREQUIPA	5769	6	YK	8370
	5	3	0	47	1.8220	3	9	43	48.260	-15	9	12.52	4	9007	AREQUIPA	5769	12	YK	8371
	5	3	0	52	35.2095	3	8	49	37.971	-19	43	53.55	4	9011	VILLA DOLO	5547	4	BN	351
	5	3	0	53	7.2088	3	8	45	22.311	-22	31	44.99	4	9011	VILLA DOLO	5547	8	BN	8638
	5	3	3	8	38.1272	1	7	57	44.924	40	44	2.99	4	9010	JUPITER	6346	3	VD	8724
	5	3	9	17	36.8758	1	12	31	23.643	-56	50	34.72	4	9003	WOOMERA	9337	4	PL	8492

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	5	3	9	17	52.8755	1	12	34	0.820	-58	9	22.60	4	9003	WOOMERA	9337	8	PL	8493
	5	3	11	26	50.6287	3	9	32	4.911	38	9	19.49	4	9005	TOKYO	5831	7	BN	8532
	5	3	11	27	9.8596	3	9	32	12.565	36	15	47.41	4	9005	TOKYO	5831	9	BN	8533
	5	3	11	56	46.3579	1	8	14	41.154	-19	4	25.00	4	9003	WOOMERA	9339	6	MW	8457
	5	3	11	57	2.3581	1	8	12	34.604	-20	17	0.90	4	9003	WOOMERA	9339	10	MW	9366
	5	4	1	39	22.1461	3	8	36	7.368	- 3	39	35.90	4	9007	AREQUIPA	5782	5	YK	8376
	5	4	1	39	54.1455	3	8	33	31.041	- 6	17	12.71	4	9007	AREQUIPA	5782	9	YK	2542
	5	4	1	46	29.1126	3	8	4	1.678	-14	47	58.61	4	9011	VILLA DOLO	5553	3	PL	2545
	5	4	1	46	45.1119	3	8	2	9.172	-15	53	18.91	4	9011	VILLA DOLO	5553	5	PL	2546
	5	4	4	9	37.6731	1	9	10	15.494	5	26	43.09	4	9001	ORGAN PASS	6132	3	MW	8319
	5	4	4	9	45.6755	1	9	10	13.855	4	48	19.88	4	9001	ORGAN PASS	6132	4	MW	8320
	5	4	10	5	35.7195	1	10	43	39.933	-28	31	24.49	4	9003	WOOMERA	9358	3	PK	8524
	5	4	10	5	59.7190	1	10	42	19.322	-31	0	28.12	4	9003	WOOMERA	9358	9	PK	8525
	5	4	23	49	54.4333	3	11	14	36.422	-18	46	55.21	4	9007	AREQUIPA	5785	7	YK	8374
	5	4	23	50	26.4323	3	11	13	13.737	-22	1	13.18	4	9007	AREQUIPA	5785	11	YK	9372
	5	4	23	55	43.2591	3	10	1	25.261	-27	35	54.02	4	9011	VILLA DOLO	5566	3	PL	8651
	5	4	23	56	23.2594	3	9	57	18.773	-31	40	41.18	4	9011	VILLA DOLO	5566	8	PL	8652
	5	5	4	54	0.2380	1	7	49	24.357	46	22	42.76	4	9001	ORGAN PASS	6157	3	PK	8491
	5	5	10	59	3.7759	1	9	12	55.492	-23	24	51.92	4	9003	WOOMERA	9373	5	HC	888
	5	5	10	59	15.7758	1	9	11	22.426	-24	32	33.65	4	9003	WOOMERA	9373	8	HC	8501
	5	5	11	2	18.2244	1	8	42	2.967	-41	7	45.24	4	9003	WOOMERA	9373	23	HC	8502
	5	5	16	11	6.4108	3	10	41	56.794	- 7	18	23.16	4	9008	SHIRAZ	7561	8	VD	8732
	5	5	16	24	38.8003	1	12	0	5.068	3	45	57.38	4	9002	OLIFANTS	7241	3	PL	8289
	5	5	16	25	26.8004	1	11	59	29.674	0	2	51.57	4	9002	OLIFANTS	7241	9	PL	8290
	5	5	16	32	34.0694	1	12	3	30.618	-37	46	19.56	4	9002	OLIFANTS	7241	19	PL	8291
	5	5	18	45	2.2761	3	7	39	36.865	39	53	3.11	4	9008	SHIRAZ	7570	3	MW	8717
	5	5	18	45	18.2755	3	7	41	43.039	38	51	21.81	4	9008	SHIRAZ	7570	7	MW	8718
	5	5	19	3	44.7573	1	8	57	37.503	30	47	47.54	4	9002	OLIFANTS	7246	4	RO	8292
	5	5	19	4	16.7569	1	8	56	16.172	28	54	50.20	4	9002	OLIFANTS	7246	8	RO	8293
	5	5	19	8	2.4906	1	8	44	39.740	14	31	48.49	4	9002	OLIFANTS	7246	17	RO	8294
	5	5	19	24	27.4457	1	6	28	19.312	-49	35	36.41	4	9002	OLIFANTS	7247	7	LT	8315
	5	5	19	24	35.4459	1	6	26	11.089	-49	55	8.05	4	9002	OLIFANTS	7247	8	LT	8316
	5	5	20	12	30.4745	1	1	13	12.216	-17	56	12.63	4	9003	WOOMERA	9386	3	PK	8522
	5	5	20	13	2.4744	1	1	9	49.792	-16	10	9.24	4	9003	WOOMERA	9386	7	PK	8523
	5	6	0	42	40.1028	3	9	40	39.734	-10	47	7.92	4	9007	AREQUIPA	5796	8	YK	8372
	5	6	0	43	4.1024	3	9	38	29.277	-13	10	28.51	4	9007	AREQUIPA	5796	11	YK	8373
	5	6	0	49	8.3751	3	8	44	3.043	-20	26	4.86	4	9011	VILLA DOLO	5575	7	VD	8678
	5	6	0	49	48.3750	3	8	38	32.263	-23	50	19.50	4	9011	VILLA DOLO	5575	12	VD	8679
	5	6	3	5	39.5886	1	8	1	14.560	36	50	36.38	4	9010	JUPITER	6371	2	VD	8722
	5	6	3	5	47.5881	1	8	2	0.827	36	15	43.43	4	9010	JUPITER	6371	3	VD	8723
	5	6	3	6	27.1568	1	10	33	15.630	38	22	15.31	4	9001	ORGAN PASS	6172	5	VD	8321
	5	6	3	6	43.1610	1	10	32	1.080	36	44	25.18	4	9001	ORGAN PASS	6172	7	VD	8322
	5	6	5	59	53.6529	1	10	55	0.717	13	46	51.61	4	9012	MAUI	6278	4	LT	8909
	5	6	6	0	25.6530	1	10	52	23.966	10	32	30.16	4	9012	MAUI	6278	8	LT	8910
	5	6	8	39	59.5327	1	7	49	31.799	29	39	11.90	4	9012	MAUI	6284	5	LT	8907

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1962	5	6	8	40	47.5362	1	7	52	48.396	26	39	38.60	4	9012	MAUI	6284	8	LT	8908
	5	6	9	16	38.6476	1	13	2	59.588	-70	29	48.17	4	9003	WOOMERA	9389	4	RO	8883
	5	6	9	18	17.2923	1	13	55	27.631	-76	45	4.99	4	9003	WOOMERA	9389	15	RO	8521
	5	6	10	7	20.3456	3	1	12	52.626	-16	12	35.55	4	9007	AREQUIPA	5805	8	YK	8362
	5	6	11	21	30.1088	3	9	23	13.763	47	24	40.29	4	9005	TOKYO	5845	3	MW	8534
	5	6	11	22	8.4761	3	9	24	30.391	43	42	26.01	4	9005	TOKYO	5845	7	MW	8535
	5	6	11	52	39.1661	1	8	16	29.280	-16	35	3.36	4	9003	WOOMERA	9393	3	RO	8519
	5	6	11	52	51.1661	1	8	14	59.898	-17	28	25.91	4	9003	WOOMERA	9393	6	RO	8520
	5	6	16	57	28.6397	3	9	37	3.407	35	36	33.84	4	9008	SHIRAZ	7580	3	RO	8715
	5	6	16	57	52.6408	3	9	36	51.181	33	13	58.12	4	9008	SHIRAZ	7580	9	RO	8716
	5	6	22	23	3.0436	3	7	48	41.603	44	32	54.87	4	9004	SAN FERNAN	5397	5	HC	9369
	5	6	22	23	11.0443	3	7	50	1.480	43	59	4.67	4	9004	SAN FERNAN	5397	6	HC	8541
	5	7	1	35	33.5055	3	8	33	58.095	+ 2	50	34.03	4	9007	AREQUIPA	5808	8	YK	8886
	5	7	1	36	13.5047	3	8	30	48.426	- 6	2	40.96	4	9007	AREQUIPA	5808	13	YK	8363
	5	7	3	59	10.1585	1	8	57	39.663	41	12	59.28	4	9001	ORGAN PASS	6196	6	BN	8135
	5	7	3	59	26.1567	1	8	58	34.298	39	44	58.35	4	9001	ORGAN PASS	6196	8	BN	8136
	5	7	10	3	27.1742	1	10	29	50.023	-38	6	8.36	4	9003	WOOMERA	9411	3	RO	8459
	5	7	10	4	58.6871	1	10	21	40.353	-47	20	58.93	4	9003	WOOMERA	9411	16	RO	8460
	5	7	17	50	0.5125	3	8	23	49.552	36	25	34.11	4	9008	SHIRAZ	7592	3	MW	8713
	5	7	17	50	16.5125	3	8	25	6.900	35	7	44.77	4	9008	SHIRAZ	7592	5	MW	8714
	5	7	23	46	27.3183	3	11	6	56.733	-20	18	18.60	4	9007	AREQUIPA	5819	5	YK	8368
	5	7	23	46	51.3176	3	11	5	44.032	-22	45	24.90	4	9007	AREQUIPA	5819	8	YK	9371
	5	8	2	10	29.4142	1	8	56	42.906	31	48	45.04	4	9010	JUPITER	6389	6	PK	8721
	5	8	2	10	37.4136	1	8	56	58.113	31	5	14.88	4	9010	JUPITER	6389	7	PK	9374
	5	8	2	14	37.1870	1	8	5	29.405	23	42	12.15	4	9009	CURACAO	5154	4	LT	895
	5	8	2	15	29.1888	1	8	6	25.823	21	30	22.23	4	9009	CURACAO	5154	6	LT	8727
	5	8	2	28	49.4370	3	8	3	2.649	0	58	29.67	4	9007	AREQUIPA	5823	4	YK	8366
	5	8	2	29	5.4371	3	8	2	11.706	- 0	1	0.92	4	9007	AREQUIPA	5823	5	YK	8367
	5	8	4	51	11.8773	1	7	56	32.277	41	42	32.72	4	9001	ORGAN PASS	6206	6	BN	8138
	5	8	10	36	43.7406	3	10	15	5.420	-19	1	56.66	4	9005	TOKYO	5873	8	BN	8483
	5	8	10	37	41.2292	3	10	12	28.915	-22	37	56.70	4	9005	TOKYO	5873	14	BN	8484
	5	8	10	57	42.4419	1	8	46	39.127	-35	31	41.75	4	9003	WOOMERA	9417	13	HC	8517
	5	8	10	57	58.4418	1	8	43	48.001	-36	55	15.36	4	9003	WOOMERA	9417	17	HC	8518
	5	8	16	22	56.6222	1	11	55	37.369	- 5	42	11.15	4	9002	OLIFANTS	7291	11	LT	8330
	5	8	16	32	18.1533	1	12	8	50.081	-56	48	59.19	4	9002	OLIFANTS	7291	21	LT	8331
	5	8	16	33	17.7347	1	12	14	57.414	-61	42	31.42	4	9002	OLIFANTS	7291	25	LT	8332
	5	8	16	35	2.1232	10	12	32	19.082	-69	38	49.11	4	9002	OLIFANTS	7291	31	LT	8333
	5	8	18	58	54.9690	1	8	57	59.556	34	16	36.41	4	9002	OLIFANTS	7297	3	PK	8111
	5	8	19	1	16.9718	1	8	52	22.715	26	4	10.18	4	9002	OLIFANTS	7297	13	PK	8112
	5	8	19	8	55.7164	1	8	23	3.473	- 4	49	29.03	4	9002	OLIFANTS	7297	18	PK	9360
	5	8	19	13	25.5707	1	7	53	48.694	-23	51	38.35	4	9002	OLIFANTS	7298	3	PK	8108
	5	8	19	21	24.0006	1	6	20	57.270	-49	55	13.14	4	9002	OLIFANTS	7298	18	PK	8109
	5	8	19	22	3.9048	1	6	10	2.373	-51	22	30.46	4	9002	OLIFANTS	7298	22	PK	8110
	5	8	20	9	26.8609	1	1	10	34.848	-16	30	24.58	4	9003	WOOMERA	9431	3	VD	8447
	5	8	20	10	6.8610	1	1	6	29.729	-14	13	51.49	4	9003	WOOMERA	9431	8	VD	8448

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1962	5	8	21	27	29.4566	3	8	44	20.360	43	12	33.85	4	9004	SAN FERNAN	5407	5	RO	8538
	5	8	21	27	45.4570	3	8	45	48.702	41	47	45.90	4	9004	SAN FERNAN	5407	7	RO	8539
	5	9	0	25	56.6005	1	10	8	49.044	18	21	54.47	4	9009	CURACAO	5160	4	HC	8703
	5	9	0	26	20.6008	1	10	7	21.634	15	54	31.65	4	9009	CURACAO	5160	7	HC	8704
	5	9	0	39	17.0082	3	9	32	32.261	-12	15	22.87	4	9007	AREQUIPA	5835	12	YK	8364
	5	9	0	39	25.0080	3	9	31	47.511	-13	2	25.10	4	9007	AREQUIPA	5835	13	YK	8365
	5	9	3	2	29.6663	1	10	26	12.818	40	6	33.47	4	9001	ORGAN PASS	6216	3	BN	8131
	5	9	3	2	53.6510	1	10	24	37.970	37	39	50.67	4	9001	ORGAN PASS	6216	6	BN	8132
	5	9	5	41	12.4683	1	7	7	53.237	47	6	38.15	4	9001	ORGAN PASS	6222	3	BN	8137
	5	9	5	55	23.7730	1	10	51	53.252	19	0	36.20	4	9012	MAUI	6301	4	MW	8905
	5	9	5	55	47.7730	1	10	49	54.604	16	32	52.96	4	9012	MAUI	6301	7	MW	8906
	5	9	9	11	6.1287	1	12	24	36.233	-63	6	58.73	4	9003	WOOMERA	9432	4	HC	8515
	5	9	9	11	30.1284	1	12	29	1.001	-65	3	3.55	4	9003	WOOMERA	9432	10	HC	8516
	5	9	11	49	37.1097	1	8	10	27.320	-18	53	49.69	4	9003	WOOMERA	9438	4	BN	8463
	5	9	11	49	57.1094	1	8	7	51.551	-20	19	40.64	4	9003	WOOMERA	9438	9	BN	8464
	5	9	16	54	7.7581	3	9	30	32.676	33	16	27.56	4	9008	SHIRAZ	7633	4	PL	2544
	5	9	16	54	23.7596	3	9	30	33.475	31	42	27.65	4	9008	SHIRAZ	7633	8	PL	1169
	5	9	17	8	28.6320	1	11	7	2.984	33	30	50.45	4	9002	OLIFANTS	7313	7	MW	8102
	5	9	17	9	4.1862	1	11	5	2.118	31	23	12.38	4	9002	OLIFANTS	7313	11	MW	8103
	5	9	17	10	0.1869	1	11	1	56.402	27	52	11.32	4	9002	OLIFANTS	7313	18	MW	8104
	5	9	17	15	46.1495	1	10	42	48.955	0	47	50.29	4	9002	OLIFANTS	7313	28	MW	8105
	5	9	17	19	24.6412	1	10	28	34.342	-20	47	44.43	4	9002	OLIFANTS	7313	32	MW	8106
	5	9	17	19	40.6403	1	10	27	22.833	-22	26	52.63	4	9002	OLIFANTS	7313	34	MW	8107
	5	10	1	12	55.8032	1	10	20	21.175	35	27	31.17	4	9010	JUPITER	6411	5	PK	8719
	5	10	1	13	11.8067	1	10	19	23.136	33	49	38.20	4	9010	JUPITER	6411	7	PK	8720
	5	10	1	32	38.7968	3	8	28	2.057	- 6	15	59.96	4	9007	AREQUIPA	5853	10	PK	8701
	5	10	1	32	46.7965	3	8	27	23.293	- 6	53	18.97	4	9007	AREQUIPA	5853	11	PK	8702
	5	10	6	47	3.4562	1	9	20	8.017	31	11	58.74	4	9012	MAUI	6310	3	MW	8903
	5	10	6	47	11.4561	1	9	20	5.816	30	26	12.81	4	9012	MAUI	6310	5	MW	2550
	5	10	9	58	35.2411	1	10	27	31.354	-30	42	22.04	4	9003	WOOMERA	9454	3	LT	8467
	5	10	9	58	51.2409	1	10	26	13.804	-32	21	38.63	4	9003	WOOMERA	9454	7	LT	8468
	5	10	12	43	32.9232	1	7	49	35.104	-14	15	33.78	4	9003	WOOMERA	9458	5	LT	8469
	5	10	12	43	52.9230	1	7	47	32.306	-15	22	55.28	4	9003	WOOMERA	9458	10	LT	8470
	5	10	17	45	10.9571	3	8	15	9.596	41	7	20.02	4	9008	SHIRAZ	7647	4	MW	8709
	5	10	17	45	18.9563	3	8	16	1.136	40	29	41.06	4	9008	SHIRAZ	7647	6	MW	8710
	5	10	23	46	56.6718	1	9	56	32.329	-18	33	47.75	4	9011	VILLA DOLO	5601	3	VD	8673
	5	10	23	47	4.6714	1	9	55	45.854	-19	21	10.92	4	9011	VILLA DOLO	5601	4	VD	8674
	5	11	2	5	33.1151	1	8	49	8.367	37	57	4.02	4	9010	JUPITER	6427	4	VD	8645
	5	11	3	24	57.0602	1	2	0	43.282	-38	0	24.41	4	9002	OLIFANTS	7338	3	LT	8311
	5	11	3	26	17.4975	10	1	47	25.199	-34	3	23.75	4	9002	OLIFANTS	7338	10	LT	8312
	5	11	3	31	24.2467	1	1	8	29.367	-16	48	15.03	4	9002	OLIFANTS	7339	2	VD	8283
	5	11	4	46	48.3733	1	7	50	4.910	43	52	15.91	4	9001	ORGAN PASS	6253	5	BN	8123
	5	11	4	47	38.6242	1	7	57	17.499	40	20	39.85	4	9001	ORGAN PASS	6253	10	BN	8124
	5	11	10	51	56.1772	1	9	1	3.022	-23	39	54.35	4	9003	WOOMERA	9474	5	LT	8471
	5	11	10	52	12.1769	1	8	58	50.620	-25	6	7.43	4	9003	WOOMERA	9474	9	LT	8472

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1962	5	11	16	20	52.2658	1	11	50	54.600	-14	20	38.01	4	9002	OLIFANTS	7341	4	LT	8284
	5	11	16	22	18.6510	1	11	50	32.883	-22	26	25.72	4	9002	OLIFANTS	7341	13	LT	8285
	5	11	16	25	10.8021	1	11	51	53.460	-38	55	53.90	4	9002	OLIFANTS	7341	17	LT	8286
	5	11	19	16	27.8178	1	6	42	25.590	-45	43	15.58	4	9002	OLIFANTS	7348	29	RO	8287
	5	11	19	18	2.8730	1	6	18	54.637	-49	31	49.11	4	9002	OLIFANTS	7348	37	RO	8288
	5	11	20	5	20.1672	10	1	14	32.802	-18	39	30.35	4	9003	WOOMERA	9483	3	LT	8496
	5	11	20	5	24.1670	10	1	14	5.803	-18	25	45.76	4	9003	WOOMERA	9483	4	LT	8497
	5	12	0	35	15.6120	3	9	28	17.891	- 9	57	10.32	4	9007	AREQUIPA	5871	7	PK	8699
	5	12	0	35	39.6114	3	9	26	4.406	-12	15	48.58	4	9007	AREQUIPA	5871	10	PK	8700
	5	12	9	9	16.7304	1	12	38	53.640	-72	46	5.43	4	9003	WOOMERA	9488	2	RO	8513
	5	12	9	9	36.7300	1	12	45	47.354	-74	12	15.64	4	9003	WOOMERA	9488	7	RO	8514
	5	12	10	4	43.2510	3	0	55	2.372	- 0	24	27.17	4	9007	AREQUIPA	5881	7	BN	8698
	5	12	11	45	50.3458	1	8	10	25.613	-17	56	6.53	4	9003	WOOMERA	9496	2	RO	8511
	5	12	11	46	9.8642	1	8	7	58.071	-19	17	58.90	4	9003	WOOMERA	9496	7	RO	8512
	5	12	16	49	56.8978	3	9	24	14.763	35	45	47.31	4	9008	SHIRAZ	7663	9	HC	8686
	5	12	16	50	0.8978	3	9	24	18.190	35	22	31.62	4	9008	SHIRAZ	7663	10	HC	8687
	5	13	1	29	13.7083	3	8	24	55.443	- 7	11	36.97	4	9007	AREQUIPA	5886	13	PL	892
	5	13	1	29	21.7080	3	8	24	17.114	- 7	47	50.38	4	9007	AREQUIPA	5886	14	PL	893
	5	13	1	36	4.5991	1	8	0	2.454	-15	56	54.85	4	9011	VILLA DOLO	5611	4	VD	8676
	5	13	1	36	28.5988	1	7	57	15.095	-17	27	15.04	4	9011	VILLA DOLO	5611	7	VD	8677
	5	13	9	54	45.4515	1	10	20	47.214	-29	39	9.27	4	9003	WOOMERA	9508	4	PL	8509
	5	13	9	55	1.4516	1	10	19	21.036	-31	17	52.91	4	9003	WOOMERA	9508	8	PL	889
	5	13	12	7	14.8925	3	8	9	29.082	41	30	39.90	4	9005	TOKYO	5912	6	BN	8481
	5	13	12	7	34.0572	3	8	12	1.135	40	3	48.89	4	9005	TOKYO	5912	8	BN	8482
	5	13	23	38	22.7522	3	10	54	41.257	-15	57	15.21	4	9007	AREQUIPA	5896	9	RO	8344
	5	13	23	38	46.7514	3	10	53	10.649	-18	26	21.52	4	9007	AREQUIPA	5896	12	RO	8345
	5	13	23	45	2.6096	1	9	38	27.586	-28	45	39.47	4	9011	VILLA DOLO	5623	4	MW	8671
	5	13	23	45	26.6089	1	9	35	20.801	-31	6	28.62	4	9011	VILLA DOLO	5623	7	MW	8672
	5	14	3	20	35.9897	1	2	10	22.025	-40	58	47.05	4	9002	OLIFANTS	7390	4	LT	8313
	5	14	3	23	41.6409	1	1	39	2.492	-31	39	20.72	4	9002	OLIFANTS	7390	7	LT	9356
	5	14	4	43	24.0838	1	7	52	41.946	41	52	14.74	4	9001	ORGAN PASS	6288	4	VD	8323
	5	14	4	43	32.0836	1	7	53	51.200	41	19	13.27	4	9001	ORGAN PASS	6288	6	VD	8324
	5	14	8	57	58.1260	10	1	19	33.803	-15	9	12.46	4	9011	VILLA DOLO	5633	6	MW	8669
	5	14	8	58	30.1274	10	1	16	31.310	-13	29	4.02	4	9011	VILLA DOLO	5633	8	MW	8670
	5	14	10	47	41.0765	1	9	1	13.934	-20	4	10.31	4	9003	WOOMERA	9517	4	BN	8503
	5	14	10	48	5.0761	1	8	58	5.256	-22	11	11.50	4	9003	WOOMERA	9517	10	BN	8504
	5	14	16	19	36.7384	1	11	45	6.203	-28	29	2.63	4	9002	OLIFANTS	7394	7	PL	9359
	5	14	16	24	0.1694	1	11	47	45.189	-53	30	58.83	4	9002	OLIFANTS	7394	14	PL	8100
	5	14	16	27	49.1822	1	12	4	26.075	-72	9	51.29	4	9002	OLIFANTS	7394	27	PL	8101
	5	14	18	57	9.7347	1	8	39	44.937	13	17	29.67	4	9002	OLIFANTS	7398	5	PK	8307
	5	14	18	59	5.7484	1	8	32	35.616	5	39	8.03	4	9002	OLIFANTS	7398	11	PK	8308
	5	14	19	12	14.1943	1	6	52	5.415	-43	11	26.14	4	9002	OLIFANTS	7399	4	VD	8444
	5	14	19	15	46.0965	1	6	0	14.984	-51	15	20.41	4	9002	OLIFANTS	7399	16	VD	8882
	5	14	20	2	36.0761	1	1	9	16.237	-16	1	18.47	4	9003	WOOMERA	9524	2	HC	8360
	5	15	3	1	34.1259	1	9	57	12.580	2	26	11.54	4	9001	ORGAN PASS	6299	4	VD	8325

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	5	15	3	1	42.1267	1	9	56	57.144	1	44	55.29	4	9001	ORGAN PASS	6299	6	VD	8326
	5	15	5	33	19.9909	1	7	7	45.526	47	5	51.86	4	9001	ORGAN PASS	6310	3	BN	8125
	5	15	5	33	27.9919	1	7	9	26.224	46	41	28.05	4	9001	ORGAN PASS	6310	4	BN	8126
	5	16	1	24	22.3898	3	8	28	38.496	- 1	41	35.22	4	9007	AREQUIPA	5930	4	PK	8341
	5	16	1	25	2.3891	3	8	25	46.606	- 4	39	24.86	4	9007	AREQUIPA	5930	9	PK	8342
	5	16	6	40	30.5466	1	9	9	25.858	25	44	28.40	4	9012	MAUI	6334	5	PA	8924
	5	16	6	40	54.5470	1	9	9	32.583	23	31	39.73	4	9012	MAUI	6334	8	PA	8925
	5	16	9	50	43.7061	1	10	15	24.972	-27	18	45.14	4	9003	WOOMERA	9534	4	BN	8465
	5	16	9	51	7.7056	1	10	13	6.713	-29	45	57.61	4	9003	WOOMERA	9534	10	BN	8466
	5	17	3	15	41.9504	1	2	27	55.443	-45	19	56.70	4	9002	OLIFANTS	7441	4	PL	8096
	5	17	3	16	53.9507	1	2	12	51.174	-42	10	48.02	4	9002	OLIFANTS	7441	13	PL	8097
	5	17	3	20	24.0001	1	1	36	40.596	-31	23	13.03	4	9002	OLIFANTS	7441	26	PL	8098
	5	17	3	35	38.5864	1	0	21	52.806	25	3	56.38	4	9002	OLIFANTS	7444	7	VD	8445
	5	17	3	35	54.5869	1	0	21	16.121	25	57	19.78	4	9002	OLIFANTS	7444	9	VD	8446
	5	17	4	39	30.4055	1	7	51	16.562	41	53	56.59	4	9001	ORGAN PASS	6341	6	VD	8299
	5	17	4	39	38.4101	1	7	52	27.339	41	21	48.30	4	9001	ORGAN PASS	6341	7	VD	8300
	5	17	7	33	47.4139	1	8	19	33.781	23	32	56.63	4	9012	MAUI	6338	10	VD	8923
	5	17	16	18	22.3509	1	11	37	51.973	-43	14	1.48	4	9002	OLIFANTS	7449	6	PK	8309
	5	17	16	18	49.8035	1	11	37	48.623	-45	51	36.75	4	9002	OLIFANTS	7449	10	PK	9355
	5	17	18	52	48.7789	1	8	41	1.715	15	37	7.93	4	9002	OLIFANTS	7456	6	VD	8301
	5	17	18	54	7.5422	1	8	36	43.122	10	37	57.16	4	9002	OLIFANTS	7456	12	VD	9353
	5	17	19	58	18.6564	1	1	13	59.045	-18	54	46.48	4	9003	WOOMERA	9551	3	LT	9367
	5	17	19	58	50.6562	1	1	10	23.467	-16	58	26.36	4	9003	WOOMERA	9551	11	LT	9368
	5	18	0	34	37.5514	1	8	31	32.942	-19	15	26.56	4	9011	VILLA DOLO	5643	4	PL	8667
	5	18	0	34	53.5513	1	8	29	25.550	-20	29	24.25	4	9011	VILLA DOLO	5643	6	PL	8668
	5	18	3	1	58.3077	1	9	45	36.079	-16	1	28.07	4	9001	ORGAN PASS	6353	6	VD	8297
	5	18	3	2	2.3071	1	9	45	28.507	-16	17	24.70	4	9001	ORGAN PASS	6353	7	VD	8298
	5	18	5	52	21.8844	1	10	1	51.497	-24	16	10.37	4	9012	MAUI	6343	4	HC	8921
	5	18	5	52	53.8845	1	9	59	59.888	-26	33	32.38	4	9012	MAUI	6343	8	HC	8922
	5	18	9	48	22.5879	10	0	59	48.127	-19	55	45.76	4	9011	VILLA DOLO	5651	5	PK	2549
	5	18	9	48	30.5870	10	0	58	49.309	-19	23	31.19	4	9011	VILLA DOLO	5651	6	PK	8666
	5	18	16	42	51.4054	3	9	13	50.917	33	11	41.44	4	9008	SHIRAZ	7746	6	PL	8688
	5	18	16	42	55.4060	3	9	13	58.150	32	49	18.40	4	9008	SHIRAZ	7746	7	PL	9373
	5	18	22	44	14.7851	1	11	0	20.201	-32	57	10.01	4	9011	VILLA DOLO	5654	5	RO	8664
	5	18	22	44	22.7848	1	10	59	56.064	-33	46	37.54	4	9011	VILLA DOLO	5654	6	RO	8665
	5	19	1	6	19.0617	1	9	49	54.088	8	43	32.69	4	9010	JUPITER	6478	3	HC	8657
	5	19	1	6	27.0617	1	9	49	40.496	7	58	59.68	4	9010	JUPITER	6478	4	HC	8658
	5	19	1	30	10.0310	1	7	51	37.296	-20	14	1.69	4	9011	VILLA DOLO	5657	5	PK	8663
	5	19	6	36	51.0083	1	9	4	58.930	25	10	24.69	4	9012	MAUI	6355	5	RO	8659
	5	19	9	46	3.6719	1	10	14	2.859	-21	5	0.45	4	9003	WOOMERA	9558	3	BN	8507
	5	19	9	46	23.6714	1	10	12	11.970	-23	6	0.72	4	9003	WOOMERA	9558	8	BN	8508
	5	19	23	36	21.7792	1	9	36	10.743	-20	15	5.27	4	9011	VILLA DOLO	5658	4	RO	8660
	5	19	23	36	29.7791	1	9	35	14.654	-21	0	44.74	4	9011	VILLA DOLO	5658	6	RO	8661
	5	20	1	54	50.3109	1	8	39	56.314	34	8	45.47	4	9010	JUPITER	6488	7	MW	4112
	5	20	1	55	6.3104	1	8	40	57.294	32	48	52.52	4	9010	JUPITER	6488	9	MW	2548

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS. CO.
1962	5	20	9	25	23.8926	1	1	43	47.949	43	4	13.68	4	9010	JUPITER	6498	10	MW	8636
	5	20	16	18	14.2844	1	11	26	26.356	-63	0	23.45	4	9002	OLIFANTS	7507	7	PK	8442
	5	20	16	18	46.2755	1	11	26	6.612	-65	38	12.75	4	9002	OLIFANTS	7507	11	PK	886
	5	21	0	30	14.9945	1	8	35	1.957	-15	33	58.91	4	9011	VILLA DOLO	5668	5	VD	8648
	5	21	0	30	46.9937	1	8	31	4.226	-17	58	59.51	4	9011	VILLA DOLO	5668	9	VD	8649
	5	21	9	44	34.3637	1	0	59	59.394	-21	13	59.29	4	9011	VILLA DOLO	5673	3	MW	8928
	5	21	9	44	58.3630	1	0	56	59.840	-19	35	5.83	4	9011	VILLA DOLO	5673	6	MW	8929
	5	21	11	3	14.0247	3	8	55	32.068	43	14	55.12	4	9005	TOKYO	5928	4	BN	8479
	5	21	11	4	2.1293	3	8	59	35.485	38	56	53.72	4	9005	TOKYO	5928	9	BN	8480
	5	21	16	40	12.2981	3	9	11	20.577	26	59	22.44	4	9008	SHIRAZ	7802	4	HC	8707
	5	21	16	40	16.2988	3	9	11	27.193	26	37	38.60	4	9008	SHIRAZ	7802	5	HC	8708
	5	21	22	39	41.8645	1	10	55	56.778	-27	39	43.44	4	9011	VILLA DOLO	5675	2	VD	8926
	5	21	22	40	13.8640	1	10	54	5.313	-30	57	26.63	4	9011	VILLA DOLO	5675	6	VD	8927
	5	22	1	17	41.8672	3	8	23	40.877	- 4	19	20.49	4	9007	AREQUIPA	5934	3	PL	8346
	5	22	1	18	13.8675	3	8	21	24.190	- 6	33	46.13	4	9007	AREQUIPA	5934	7	PL	8347
	5	22	1	25	27.8670	1	8	0	1.557	-16	9	29.77	4	9011	VILLA DOLO	5679	4	VD	8653
	5	22	1	25	59.8667	1	7	56	26.868	-18	0	57.81	4	9011	VILLA DOLO	5679	8	VD	8459
	5	22	6	33	37.8679	1	9	1	26.927	22	15	20.59	4	9012	MAUI	6401	7	HC	9631
	5	22	6	33	53.8695	1	9	1	39.007	20	50	46.61	4	9012	MAUI	6401	8	HC	9632
	5	22	23	34	2.4741	10	9	20	23.403	-27	25	41.41	4	9011	VILLA DOLO	5687	4	MW	8646
	5	22	23	34	34.4746	10	9	15	45.141	-30	22	33.30	4	9011	VILLA DOLO	5687	8	MW	8647
	5	23	1	51	11.2927	1	8	37	40.120	33	17	24.79	4	9010	JUPITER	6528	2	MW	8655
	5	23	3	7	41.6521	1	2	42	32.782	-49	19	58.66	4	9002	OLIFANTS	7551	7	VD	8304
	5	23	3	8	44.8249	1	2	27	18.659	-46	43	13.41	4	9002	OLIFANTS	7551	12	VD	8305
	5	23	3	29	47.2907	1	0	15	14.221	30	24	39.74	4	9002	OLIFANTS	7552	5	PK	8440
	5	23	3	30	3.2917	1	0	14	38.570	31	16	56.80	4	9002	OLIFANTS	7552	6	PK	8441
	5	23	4	31	6.0210	1	7	43	12.821	44	14	22.84	4	9001	ORGAN PASS	6407	3	BN	8127
	5	23	4	31	30.0236	1	7	47	14.934	42	43	33.49	4	9001	ORGAN PASS	6407	9	BN	8128
	5	23	8	47	4.7826	1	1	23	40.455	-16	29	27.51	4	9011	VILLA DOLO	5691	4	HC	8919
	5	23	8	47	36.7837	1	1	20	25.103	-14	42	38.42	4	9011	VILLA DOLO	5691	6	HC	8920
	5	23	14	46	55.4230	1	1	11	56.302	28	13	17.91	4	9012	MAUI	6433	9	LT	9629
	5	23	14	47	27.4241	1	1	13	54.275	30	16	47.48	4	9012	MAUI	6433	13	LT	9630
	5	23	16	16	46.5488	1	11	3	26.971	-73	46	42.07	4	9002	OLIFANTS	7554	4	VD	8303
	5	23	16	18	12.0284	1	10	52	18.667	-79	43	43.27	4	9002	OLIFANTS	7554	13	VD	9489
	5	23	18	47	30.2366	1	8	33	24.029	7	34	52.69	4	9002	OLIFANTS	7561	3	HC	8449
	5	23	18	47	46.2370	1	8	32	27.073	6	35	1.69	4	9002	OLIFANTS	7561	5	HC	9363
	5	23	18	58	48.5323	1	7	24	48.031	-33	22	3.75	4	9002	OLIFANTS	7562	7	VD	887
	5	23	19	0	56.8176	1	7	2	43.689	-39	32	56.87	4	9002	OLIFANTS	7562	16	VD	8452
	5	24	0	27	2.4399	1	8	30	8.596	-17	11	31.23	4	9011	VILLA DOLO	5697	4	RO	8917
	5	24	0	27	26.4397	1	8	27	6.374	-18	57	2.49	4	9011	VILLA DOLO	5697	7	RO	8918
	5	24	9	40	18.1301	1	1	3	41.621	-24	32	15.29	4	9011	VILLA DOLO	5701	4	RO	8915
	5	24	9	40	42.1295	1	1	0	27.683	-22	52	5.27	4	9011	VILLA DOLO	5701	7	RO	8916
	5	24	17	11	50.2569	1	7	5	45.799	-69	39	56.88	4	9002	OLIFANTS	7567	12	HC	8453
	5	24	17	12	14.2570	1	6	51	21.407	-70	33	28.85	4	9002	OLIFANTS	7567	15	HC	8454
	5	25	3	35	51.0650	1	8	29	3.170	42	49	43.83	4	9001	ORGAN PASS	6436	5	BN	8133

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	5	25	3	35	59.0632	1	8	30	0.846	42	11	17.55	4	9001	ORGAN PASS	6436	6	BN	8134
	5	25	6	28	18.2221	1	8	55	39.420	30	22	46.86	4	9012	MAUI	6458	5	PL	8932
	5	25	6	30	38.0552	1	8	58	44.300	18	18	43.34	4	9012	MAUI	6458	14	PL	8933
	5	26	10	33	10.4889	1	8	46	27.296	-19	1	11.82	4	9003	WOOMERA	9597	4	RO	8461
	5	26	10	33	34.4886	1	8	43	17.838	-20	56	1.37	4	9003	WOOMERA	9597	10	RO	8462
	5	27	0	4	12.0802	1	9	28	44.225	15	35	54.34	4	9009	CURACAO	5193	8	VD	8675
	5	27	0	16	52.3464	3	9	3	56.266	- 8	28	50.26	4	9007	AREQUIPA	5959	4	PK	8339
	5	27	0	17	0.3465	3	9	3	13.363	- 9	10	11.77	4	9007	AREQUIPA	5959	5	PK	8340
	5	27	16	31	39.5763	3	9	1	14.841	32	16	10.55	4	9008	SHIRAZ	7874	5	HC	8705
	5	27	16	31	51.5764	3	9	1	51.683	31	12	48.05	4	9008	SHIRAZ	7874	8	HC	8706
	5	28	1	6	41.2820	3	8	34	50.457	10	43	11.35	4	9007	AREQUIPA	5974	7	BN	8697
	5	28	1	15	13.2682	3	7	58	53.634	-22	36	16.54	4	9007	AREQUIPA	5976	3	BN	8695
	5	28	1	15	29.2670	3	7	57	15.236	-23	33	10.08	4	9007	AREQUIPA	5976	4	BN	8696
	5	28	23	16	42.0293	3	10	32	36.671	4	28	30.24	4	9007	AREQUIPA	5981	3	BN	8693
	5	28	23	16	58.0288	3	10	31	26.763	2	55	17.58	4	9007	AREQUIPA	5981	5	BN	8694
	5	28	23	19	53.9968	3	10	17	31.575	-14	46	33.81	4	9007	AREQUIPA	5982	2	MW	8691
	5	28	23	21	22.0207	3	10	9	26.235	-23	39	41.34	4	9007	AREQUIPA	5983	4	PL	2543
	5	28	23	21	30.0208	3	10	8	38.946	-24	27	27.12	4	9007	AREQUIPA	5983	5	PL	8692
	5	28	23	26	10.0163	3	9	32	29.735	-49	37	47.01	4	9007	AREQUIPA	5984	5	MW	8351
	5	28	23	26	18.0163	3	9	31	6.794	-50	15	8.40	4	9007	AREQUIPA	5984	6	MW	8352
	5	28	23	29	6.0163	3	8	53	57.512	-61	51	23.40	4	9007	AREQUIPA	5985	3	MW	2539
	5	28	23	29	30.0163	3	8	47	0.571	-63	16	58.47	4	9007	AREQUIPA	5985	6	MW	2540
	5	29	8	53	46.0192	3	1	7	11.604	15	37	6.30	4	9007	AREQUIPA	5996	11	RO	8357
	5	30	0	3	30.0384	3	9	35	22.019	37	2	4.64	4	9007	AREQUIPA	6000	5	CB	8262
	5	30	0	3	30.0747	1	9	18	41.670	- 0	46	53.66	4	9009	CURACAO	5210	3	CB	8629
	5	30	0	3	38.0382	3	9	35	2.355	36	30	48.49	4	9007	AREQUIPA	6000	6	CB	8263
	5	30	0	3	38.0744	1	9	18	25.004	- 1	28	33.55	4	9009	CURACAO	5210	4	CB	8630
	5	30	0	3	46.0379	3	9	34	42.794	35	59	18.05	4	9007	AREQUIPA	6000	7	CB	8264
	5	30	0	3	46.0745	1	9	18	8.392	- 2	9	55.80	4	9009	CURACAO	5210	5	CB	8631
	5	30	0	3	54.0377	3	9	34	23.078	35	27	34.85	4	9007	AREQUIPA	6000	8	CB	8265
	5	30	0	3	54.0749	1	9	17	51.115	- 2	51	8.55	4	9009	CURACAO	5210	6	CB	8632
	5	30	0	4	2.0376	3	9	34	2.895	34	55	48.42	4	9007	AREQUIPA	6000	9	CB	8266
	5	30	0	4	2.0747	1	9	17	33.783	- 3	32	13.64	4	9009	CURACAO	5210	7	CB	8633
	5	30	0	7	6.0328	3	9	25	20.313	21	47	37.67	4	9007	AREQUIPA	6001	12	CB	8256
	5	30	0	7	6.0780	1	9	9	39.674	-18	10	53.04	4	9009	CURACAO	5211	3	CB	8623
	5	30	0	7	14.0327	3	9	24	54.753	21	11	4.91	4	9007	AREQUIPA	6001	13	CB	8257
	5	30	0	7	14.0780	1	9	9	15.695	-18	46	3.35	4	9009	CURACAO	5211	4	CB	8624
	5	30	0	7	22.0324	3	9	24	28.805	20	34	17.12	4	9007	AREQUIPA	6001	14	CB	8258
	5	30	0	7	22.0780	1	9	8	51.415	-19	21	0.76	4	9009	CURACAO	5211	5	CB	8625
	5	30	0	7	30.0321	3	9	24	2.957	19	57	23.07	4	9007	AREQUIPA	6001	15	CB	8259
	5	30	0	7	30.0780	1	9	8	26.725	-19	55	40.24	4	9009	CURACAO	5211	6	CB	8626
	5	30	0	7	38.0321	3	9	23	36.499	19	20	16.39	4	9007	AREQUIPA	6001	16	CB	8260
	5	30	0	7	38.0779	1	9	8	1.654	-20	30	2.65	4	9009	CURACAO	5211	7	CB	8627
	5	30	0	7	46.0319	3	9	23	9.796	18	42	55.67	4	9007	AREQUIPA	6001	17	CB	8261
	5	30	0	7	46.0781	1	9	7	36.475	-21	4	15.06	4	9009	CURACAO	5211	8	CB	8873

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	5	30	0	10	26.0308	3	9	13	14.015	5	46	30.02	4	9007	AREQUIPA	6002 10	CB	8251
	5	30	0	10	26.0762	1	8	58	1.667	-31	34	9.51	4	9009	CURACAO	5212 3	AA	8618
	5	30	0	10	34.0307	3	9	12	40.748	5	6	29.95	4	9007	AREQUIPA	6002 11	CB	8252
	5	30	0	10	34.0764	1	8	57	29.133	-32	3	2.69	4	9009	CURACAO	5212 4	AA	8619
	5	30	0	10	42.0305	3	9	12	7.216	4	26	22.79	4	9007	AREQUIPA	6002 12	CB	8253
	5	30	0	10	42.0763	1	8	56	56.382	-32	31	47.33	4	9009	CURACAO	5212 5	AA	8620
	5	30	0	10	50.0303	3	9	11	33.201	3	46	11.95	4	9007	AREQUIPA	6002 13	CB	8895
	5	30	0	10	50.0763	1	8	56	23.070	-33	0	14.39	4	9009	CURACAO	5212 6	AA	8872
	5	30	0	10	58.0301	3	9	10	58.893	3	5	55.71	4	9007	AREQUIPA	6002 14	CB	8254
	5	30	0	10	58.0764	1	8	55	49.275	-33	28	25.10	4	9009	CURACAO	5212 7	AA	8621
	5	30	0	11	6.0300	3	9	10	24.090	2	25	37.67	4	9007	AREQUIPA	6002 15	CB	8255
	5	30	0	11	6.0760	1	8	55	15.114	-33	56	27.99	4	9009	CURACAO	5212 8	AA	8622
	5	30	0	14	18.0246	3	8	54	22.622	-13	42	50.13	4	9007	AREQUIPA	6003 6	RO	2541
	5	30	0	14	58.0238	3	8	50	26.358	-17	0	8.88	4	9007	AREQUIPA	6003 11	RO	8889
	5	30	0	16	42.0022	3	8	39	0.182	-25	15	18.39	4	9007	AREQUIPA	6004 6	HC	8355
	5	30	0	16	58.0010	3	8	37	4.637	-26	28	46.40	4	9007	AREQUIPA	6004 8	HC	8356
	5	30	0	22	2.0226	3	7	49	0.972	-46	33	37.43	4	9007	AREQUIPA	6006 10	RO	891
	5	30	3	51	9.6235	1	3	55	53.826	-70	42	21.83	4	9002	OLIFANTS	7662 13	MW	8455
	5	30	3	51	25.6236	1	3	45	57.156	-70	25	13.86	4	9002	OLIFANTS	7662 15	MW	9365
	5	30	9	31	45.0261	3	2	4	38.422	-43	40	14.38	4	9007	AREQUIPA	6013 4	BN	8348
	5	30	9	34	57.0190	3	1	35	12.786	-33	27	22.15	4	9007	AREQUIPA	6014 9	VD	8349
	5	30	9	35	29.0184	3	1	31	4.332	-31	34	9.82	4	9007	AREQUIPA	6014 13	VD	8350
	5	30	9	38	41.0176	3	1	9	54.328	-19	19	2.70	4	9007	AREQUIPA	6015 6	HC	8358
	5	30	9	38	57.0176	3	1	8	23.792	-18	14	4.07	4	9007	AREQUIPA	6015 8	HC	8359
	5	30	9	42	1.0103	3	0	53	17.628	- 5	21	55.77	4	9007	AREQUIPA	6016 3	HC	8353
	5	30	9	42	33.0102	3	0	51	2.869	- 3	4	43.59	4	9007	AREQUIPA	6016 7	HC	8354
	5	30	9	45	29.0143	3	0	40	23.040	9	27	58.59	4	9007	AREQUIPA	6017 3	MW	8690
	5	30	10	57	54.2640	3	9	7	16.446	12	57	25.49	4	9005	TOKYO	5955 6	BN	890
	5	30	10	58	23.0426	3	9	8	5.866	10	48	21.74	4	9005	TOKYO	5955 9	BN	8478
	5	31	0	51	38.0708	1	8	30	36.266	24	52	28.07	4	9009	CURACAO	5218 6	MW	3458
	5	31	0	58	2.0348	3	8	43	14.979	29	11	52.41	4	9007	AREQUIPA	6025 4	MJ	8279
	5	31	0	58	2.0710	1	8	33	12.713	- 2	15	13.67	4	9009	CURACAO	5219 5	MJ	8614
	5	31	0	58	18.0341	3	8	42	58.097	28	14	47.74	4	9007	AREQUIPA	6025 6	MJ	8280
	5	31	0	58	18.0705	1	8	32	59.478	- 3	18	34.76	4	9009	CURACAO	5219 7	MJ	8615
	5	31	0	58	26.0337	3	8	42	49.061	27	46	4.30	4	9007	AREQUIPA	6025 7	MJ	8281
	5	31	0	58	26.0704	1	8	32	52.194	- 3	50	4.63	4	9009	CURACAO	5219 8	MJ	8616
	5	31	0	58	58.0328	3	8	42	10.623	25	50	23.87	4	9007	AREQUIPA	6025 11	MJ	8282
	5	31	0	58	58.0701	1	8	32	20.709	- 5	54	23.02	4	9009	CURACAO	5219 12	MJ	8617
	5	31	1	1	46.0293	3	8	37	22.593	15	20	57.86	4	9007	AREQUIPA	6026 9	BN	8473
	5	31	1	1	54.0289	3	8	37	5.423	14	50	14.52	4	9007	AREQUIPA	6026 10	BN	8474
	5	31	3	29	3.2804	1	8	29	47.112	38	28	11.03	4	9001	ORGAN PASS	6495 14	BN	8129
	5	31	3	29	7.2762	1	8	30	13.836	38	9	42.20	4	9001	ORGAN PASS	6495 15	BN	8130
	5	31	6	20	26.3612	1	8	48	13.395	31	37	31.82	4	9012	MAUI	6514 3	PL	356
	5	31	6	20	34.3614	1	8	48	35.416	30	57	58.80	4	9012	MAUI	6514 5	PL	8931
	5	31	9	32	7.3935	1	9	44	2.552	-24	18	29.49	4	9003	WOOMERA	9623 4	BN	8505

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	5	31	9	32	31.3930	1	9	41	1.247	-26	35	41.20	4	9003	WOOMERA	9623 10	BN	8506
	5	31	11	40	57.8057	3	7	22	3.957	52	47	37.79	4	9005	TOKYO	5963 3	BN	8475
	5	31	11	41	36.4219	3	7	32	1.843	50	31	17.86	4	9005	TOKYO	5963 7	BN	8476
	5	31	23	13	14.0354	3	10	24	57.350	3	20	16.80	4	9007	AREQUIPA	6035 3	MJ	8274
	5	31	23	13	22.0351	3	10	24	21.719	2	33	42.46	4	9007	AREQUIPA	6035 4	MJ	8275
	5	31	23	13	22.0611	3	10	0	19.396	20	53	12.23	4	9011	VILLA DOLO	5723 3	MJ	8610
	5	31	23	13	30.0349	3	10	23	45.497	1	47	1.40	4	9007	AREQUIPA	6035 5	MJ	8276
	5	31	23	13	30.0608	3	9	59	49.529	20	21	9.11	4	9011	VILLA DOLO	5723 4	MJ	8611
	5	31	23	13	38.0348	3	10	23	9.095	1	0	7.68	4	9007	AREQUIPA	6035 6	MJ	8277
	5	31	23	13	38.0607	3	9	59	19.569	19	48	57.53	4	9011	VILLA DOLO	5723 5	MJ	8612
	5	31	23	13	46.0345	3	10	22	32.617	0	13	4.35	4	9007	AREQUIPA	6035 7	MJ	8278
	5	31	23	13	46.0607	3	9	58	49.246	19	16	30.42	4	9011	VILLA DOLO	5723 6	MJ	8613
	5	31	23	16	50.0229	3	10	7	0.149	-18	12	7.16	4	9007	AREQUIPA	6036 5	MJ	8270
	5	31	23	16	50.0577	3	9	45	49.983	5	49	10.63	4	9011	VILLA DOLO	5724 2	MJ	8606
	5	31	23	16	58.0226	3	10	6	14.636	-19	0	1.21	4	9007	AREQUIPA	6036 6	MJ	8271
	5	31	23	16	58.0576	3	9	45	12.030	5	11	28.14	4	9011	VILLA DOLO	5724 3	MJ	8607
	5	31	23	17	6.0223	3	10	5	28.600	-19	47	53.36	4	9007	AREQUIPA	6036 7	MJ	8272
	5	31	23	17	6.0574	3	9	44	33.491	4	33	33.66	4	9011	VILLA DOLO	5724 4	MJ	8608
	5	31	23	17	22.0219	3	10	3	55.013	-21	23	10.47	4	9007	AREQUIPA	6036 9	MJ	8273
	5	31	23	17	22.0573	3	9	43	15.449	3	17	9.17	4	9011	VILLA DOLO	5724 6	MJ	8609
	5	31	23	20	42.0253	3	9	40	31.697	-40	4	50.90	4	9007	AREQUIPA	6038 3	MJ	8267
	5	31	23	20	42.0512	3	9	24	4.677	-13	32	5.21	4	9011	VILLA DOLO	5725 5	MJ	8603
	5	31	23	20	50.0250	3	9	39	24.140	-40	46	3.23	4	9007	AREQUIPA	6038 4	MJ	8268
	5	31	23	20	50.0510	3	9	23	10.594	-14	13	49.92	4	9011	VILLA DOLO	5725 6	MJ	8604
	5	31	23	21	6.0250	3	9	37	4.879	-42	7	33.86	4	9007	AREQUIPA	6038 6	MJ	8269
	5	31	23	21	6.0508	3	9	21	19.838	-15	37	28.23	4	9011	VILLA DOLO	5725 8	MJ	8605
	5	31	23	22	10.0513	3	9	13	24.815	-21	12	53.05	4	9011	VILLA DOLO	5726 3	HC	8650
	5	31	23	22	26.0509	3	9	11	17.162	-22	36	32.00	4	9011	VILLA DOLO	5726 5	HC	353
	5	31	23	25	6.0468	3	8	45	52.884	-36	8	36.07	4	9011	VILLA DOLO	5727 3	LT	8913
	5	31	23	25	38.0465	3	8	39	42.608	-38	42	5.53	4	9011	VILLA DOLO	5727 7	LT	8914
	6	1	19	40	58.7241	1	1	5	59.949	-18	34	15.55	4	9003	WOOMERA	9632 2	MW	670
	6	1	19	41	14.7241	1	1	4	8.240	-17	28	22.11	4	9003	WOOMERA	9632 6	MW	671
	6	2	0	1	38.0341	3	9	26	34.588	29	13	57.79	4	9007	AREQUIPA	6056 3	VD	2465
	6	2	0	1	38.0697	1	9	11	5.230	- 9	34	56.90	4	9009	CURACAO	5221 2	VD	2749
	6	2	0	1	46.0342	3	9	26	13.803	28	40	21.88	4	9007	AREQUIPA	6056 4	VD	2466
	6	2	0	1	46.0698	1	9	10	46.572	-10	12	38.93	4	9009	CURACAO	5221 3	VD	2471
	6	2	0	1	54.0340	3	9	25	52.428	28	6	30.72	4	9007	AREQUIPA	6056 5	VD	2467
	6	2	0	1	54.0698	1	9	10	27.359	-10	50	3.77	4	9009	CURACAO	5221 4	VD	2472
	6	2	0	2	2.0337	3	9	25	30.898	27	32	33.71	4	9007	AREQUIPA	6056 6	VD	2468
	6	2	0	2	2.0697	1	9	10	7.806	-11	27	30.95	4	9009	CURACAO	5221 5	VD	2473
	6	2	0	2	10.0336	3	9	25	9.081	26	58	16.53	4	9007	AREQUIPA	6056 7	VD	2469
	6	2	0	2	10.0699	1	9	9	48.213	-12	4	36.37	4	9009	CURACAO	5221 6	VD	2474
	6	2	0	2	26.0334	3	9	24	24.821	25	49	18.74	4	9007	AREQUIPA	6056 9	HC	489
	6	2	0	2	42.0331	3	9	23	39.702	24	39	40.64	4	9007	AREQUIPA	6056 11	HC	490
	6	2	0	4	10.0307	3	9	19	11.805	18	4	6.47	4	9007	AREQUIPA	6057 3	DM	491

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	6	2	0	4	58.0288	3	9	16	31.049	14	20	19.84	4	9007	AREQUIPA	6057	9	DM	492
	6	2	0	7	6.0301	3	9	8	26.340	4	2	50.47	4	9007	AREQUIPA	6058	4	PL	493
	6	2	0	7	30.0296	3	9	6	45.237	2	4	47.45	4	9007	AREQUIPA	6058	7	VD	2457
	6	2	0	7	30.0710	1	8	52	17.547	-33	26	59.45	4	9009	CURACAO	5223	2	VD	2460
	6	2	0	7	38.0293	3	9	6	10.769	1	25	20.99	4	9007	AREQUIPA	6058	8	PL	494
	6	2	0	7	38.0714	1	8	51	44.039	-33	54	11.06	4	9009	CURACAO	5223	3	VD	2461
	6	2	0	7	46.0718	1	8	51	9.871	-34	21	14.36	4	9009	CURACAO	5223	4	VD	2462
	6	2	0	7	54.0290	3	9	5	0.710	0	6	23.75	4	9007	AREQUIPA	6058	10	VD	2458
	6	2	0	7	54.0715	1	8	50	35.853	-34	48	2.15	4	9009	CURACAO	5223	5	VD	2463
	6	2	0	8	2.0287	3	9	4	25.051	- 0	33	6.60	4	9007	AREQUIPA	6058	11	VD	2459
	6	2	0	8	2.0715	1	8	50	0.490	-35	14	35.55	4	9009	CURACAO	5223	6	VD	2748
	6	2	0	10	10.0264	3	8	53	55.865	-11	3	36.05	4	9007	AREQUIPA	6059	10	PL	495
	6	2	0	11	22.0242	3	8	47	6.229	-16	50	43.47	4	9007	AREQUIPA	6059	19	PL	496
	6	2	0	13	38.0236	3	8	31	59.478	-27	13	59.11	4	9007	AREQUIPA	6060	3	LT	497
	6	2	0	15	6.0436	3	8	20	21.450	-33	26	9.00	4	9007	AREQUIPA	6060	14	LT	498
	6	2	0	17	14.0247	3	8	0	13.995	-41	33	43.02	4	9007	AREQUIPA	6061	8	LT	499
	6	2	0	18	26.0371	3	7	46	55.521	-45	37	26.33	4	9007	AREQUIPA	6061	17	LT	500
	6	2	9	27	10.0312	3	2	15	31.695	-47	27	44.92	4	9007	AREQUIPA	6073	3	LT	501
	6	2	9	27	26.0308	3	2	12	23.636	-46	44	1.27	4	9007	AREQUIPA	6073	5	LT	1701
	6	2	9	30	54.0250	3	1	37	47.726	-35	52	59.19	4	9007	AREQUIPA	6074	4	LT	1702
	6	2	9	31	18.0245	3	1	34	27.663	-34	28	35.21	4	9007	AREQUIPA	6074	7	LT	503
	6	2	9	34	6.0194	3	1	14	10.957	-23	50	37.49	4	9007	AREQUIPA	6075	3	LT	504
	6	2	9	35	2.0184	3	1	8	27.974	-20	2	11.90	4	9007	AREQUIPA	6075	10	LT	505
	6	2	9	37	42.0227	3	0	54	27.486	- 8	39	32.14	4	9007	AREQUIPA	6076	3	LT	1703
	6	2	9	38	22.0223	3	0	51	25.647	- 5	44	25.80	4	9007	AREQUIPA	6076	8	LT	506
	6	2	9	41	2.0171	3	0	40	52.107	5	58	11.04	4	9007	AREQUIPA	6077	3	LT	507
	6	2	9	41	34.0168	3	0	39	1.478	8	17	23.36	4	9007	AREQUIPA	6077	7	LT	508
	6	3	23	10	18.0311	3	10	14	56.338	- 0	54	44.25	4	9007	AREQUIPA	6098	3	HC	509
	6	3	23	10	34.0317	3	10	13	40.045	- 2	28	51.67	4	9007	AREQUIPA	6098	5	HC	510
	6	3	23	11	46.0550	3	9	48	29.484	12	4	30.35	4	9011	VILLA DOLO	5769	4	GL	521
	6	3	23	12	2.0550	3	9	47	20.625	10	54	5.02	4	9011	VILLA DOLO	5769	6	GL	522
	6	3	23	13	30.0270	3	9	57	59.798	-19	53	42.39	4	9007	AREQUIPA	6099	4	HC	511
	6	3	23	14	18.0263	3	9	53	2.054	-24	32	49.19	4	9007	AREQUIPA	6099	10	HC	512
	6	3	23	14	26.0569	3	9	35	49.815	- 0	14	20.69	4	9011	VILLA DOLO	5770	3	GL	523
	6	3	23	14	58.0564	3	9	32	56.446	- 2	50	37.13	4	9011	VILLA DOLO	5770	7	GL	524
	6	3	23	17	14.0506	3	9	18	55.736	-14	15	22.27	4	9011	VILLA DOLO	5771	2	PK	525
	6	3	23	17	22.0225	3	9	29	45.947	-41	5	47.81	4	9007	AREQUIPA	6100	2	MW	513
	6	3	23	17	22.0503	3	9	18	0.162	-14	56	14.02	4	9011	VILLA DOLO	5771	3	RO	2475
	6	3	23	17	30.0227	3	9	28	33.427	-41	45	22.52	4	9007	AREQUIPA	6100	3	RO	2478
	6	3	23	17	30.0501	3	9	17	3.898	-15	37	13.88	4	9011	VILLA DOLO	5771	4	RO	2476
	6	3	23	17	38.0224	3	9	27	19.836	-42	24	42.41	4	9007	AREQUIPA	6100	4	RO	2479
	6	3	23	17	38.0497	3	9	16	6.690	-16	18	11.78	4	9011	VILLA DOLO	5771	5	RO	2477
	6	3	23	17	46.0226	3	9	26	4.950	-43	3	40.79	4	9007	AREQUIPA	6100	5	MW	514
	6	3	23	17	46.0498	3	9	15	9.081	-16	59	6.98	4	9011	VILLA DOLO	5771	6	PK	526
	6	3	23	18	34.0492	3	9	9	3.828	-21	4	43.63	4	9011	VILLA DOLO	5772	3	MW	527

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	6	3	23	18	58.0492	3	9	5	49.128	-23	6	58.09	4	9011	VILLA DOLO	5772 6	MW	528
	6	3	23	22	10.0486	3	8	33	37.330	-38	42	21.81	4	9011	VILLA DOLO	5773 3	PK	529
	6	3	23	22	18.0215	3	8	26	13.262	-61	30	56.05	4	9007	AREQUIPA	6101 6	MW	515
	6	3	23	22	18.0483	3	8	31	59.237	-39	18	48.74	4	9011	VILLA DOLO	5773 4	RO	2484
	6	3	23	22	26.0216	3	8	23	45.209	-61	56	49.99	4	9007	AREQUIPA	6101 7	RO	2750
	6	3	23	22	26.0484	3	8	30	19.566	-39	54	53.92	4	9011	VILLA DOLO	5773 5	RO	2753
	6	3	23	22	34.0217	3	8	21	14.237	-62	22	21.35	4	9007	AREQUIPA	6101 8	RO	2751
	6	3	23	22	34.0482	3	8	28	38.234	-40	30	42.89	4	9011	VILLA DOLO	5773 6	RO	2754
	6	3	23	22	42.0218	3	8	18	39.612	-62	47	28.01	4	9007	AREQUIPA	6101 9	RO	2482
	6	3	23	22	42.0480	3	8	26	55.066	-41	6	16.47	4	9011	VILLA DOLO	5773 7	RO	2755
	6	3	23	22	50.0218	3	8	16	2.172	-63	12	12.46	4	9007	AREQUIPA	6101 10	MW	516
	6	3	23	22	50.0481	3	8	25	9.972	-41	41	32.70	4	9011	VILLA DOLO	5773 8	RO	2488
	6	3	23	22	58.0220	3	8	13	20.863	-63	36	29.29	4	9007	AREQUIPA	6101 11	RO	2752
	6	3	23	22	58.0480	3	8	23	23.607	-42	16	32.04	4	9011	VILLA DOLO	5773 9	RO	2489
	6	3	23	23	14.0480	3	8	19	44.347	-43	25	30.65	4	9011	VILLA DOLO	5773 11	PK	530
	6	5	20	32	25.9670	1	23	57	40.193	-18	11	16.22	4	9003	WOOMERA	9713 13	RO	672
	6	5	20	32	29.9670	1	23	57	15.843	-17	50	17.90	4	9003	WOOMERA	9713 14	RO	673
	6	6	9	24	42.0117	1	9	33	48.248	-22	57	10.31	4	9003	WOOMERA	9718 2	PG	1020
	6	6	9	25	6.0106	1	9	30	39.921	-25	8	56.51	4	9003	WOOMERA	9718 8	PG	1021
	6	7	10	18	7.9506	1	8	42	0.058	-15	29	44.07	4	9003	WOOMERA	9742 2	PG	1022
	6	7	10	18	47.9493	1	8	37	10.245	-18	22	36.72	4	9003	WOOMERA	9742 12	PG	1023
	6	8	3	55	55.4630	1	23	28	0.925	- 9	36	2.19	4	9002	OLIFANTS	7840 5	RO	1135
	6	8	20	27	10.0899	1	0	3	0.510	-27	18	36.65	4	9003	WOOMERA	9780 5	PG	1024
	6	8	20	27	26.0898	1	0	1	9.426	-25	53	15.74	4	9003	WOOMERA	9780 9	PG	1025
	6	9	9	20	45.0749	1	9	31	8.455	-20	57	22.51	4	9003	WOOMERA	9787 4	PG	1026
	6	9	9	21	1.0746	1	9	29	6.132	-22	23	29.90	4	9003	WOOMERA	9787 8	PG	1027
	6	9	10	8	30.8514	10	1	13	2.387	-70	5	56.61	4	9011	VILLA DOLO	5900 2	DM	531
	6	9	10	9	2.8508	10	0	58	24.178	-68	6	44.53	4	9011	VILLA DOLO	5900 6	DM	532
	6	9	10	47	56.6445	1	1	6	27.732	28	27	13.18	4	9001	ORGAN PASS	6574 4	VD	656
	6	9	10	51	10.7972	1	1	24	56.390	42	35	19.74	4	9001	ORGAN PASS	6574 15	VD	657
	6	9	23	11	36.4466	3	8	59	42.850	-21	52	11.94	4	9011	VILLA DOLO	5905 4	DM	533
	6	9	23	12	0.4462	3	8	56	22.223	-23	47	44.10	4	9011	VILLA DOLO	5905 7	DM	534
	6	10	10	14	47.0627	1	8	38	50.404	-16	25	0.57	4	9003	WOOMERA	9810 3	BD	1694
	6	10	10	15	3.0626	1	8	36	55.533	-17	32	19.42	4	9003	WOOMERA	9810 7	BD	2874
	6	10	19	30	30.1962	1	0	57	51.288	-18	29	29.69	4	9003	WOOMERA	9819 3	LT	786
	6	10	19	30	54.1959	1	0	55	5.386	-16	42	54.52	4	9003	WOOMERA	9819 9	LT	787
	6	10	23	55	6.0331	3	9	4	16.958	8	25	51.51	4	9007	AREQUIPA	6176 3	PK	2603
	6	10	23	55	14.0318	3	9	3	49.446	7	49	39.69	4	9007	AREQUIPA	6176 4	PK	518
	6	10	23	57	14.0432	3	8	56	9.239	- 1	17	55.37	4	9007	AREQUIPA	6177 2	PK	519
	6	11	0	4	52.3289	3	8	29	0.694	-14	1	5.26	4	9011	VILLA DOLO	5923 3	VD	535
	6	11	0	5	16.3284	3	8	26	23.497	-15	31	51.15	4	9011	VILLA DOLO	5923 6	VD	536
	6	11	3	56	59.8423	1	23	4	12.539	13	39	17.85	4	9002	OLIFANTS	7911 15	VD	1044
	6	11	3	57	15.8426	1	23	3	18.015	14	50	27.86	4	9002	OLIFANTS	7911 17	VD	1045
	6	11	9	19	25.7296	10	0	40	29.159	-24	30	59.29	4	9011	VILLA DOLO	5932 5	VD	537
	6	11	9	19	41.7279	10	0	38	26.610	-23	13	24.99	4	9011	VILLA DOLO	5932 7	VD	538

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	6	11	9	28	3.5943	3	0	40	42.080	- 3	55	10.72	4	9007	AREQUIPA	6190	16	DM	1127
	6	11	9	28	11.5945	3	0	40	6.583	- 3	17	23.67	4	9007	AREQUIPA	6190	17	DM	1128
	6	11	20	22	55.3119	1	0	1	28.041	-31	8	5.31	4	9003	WOOMERA	9840	3	GL	784
	6	11	20	23	14.8267	1	23	59	8.243	-29	22	54.03	4	9003	WOOMERA	9840	8	GL	785
	6	12	10	45	10.8723	1	1	9	34.520	32	53	12.69	4	9001	ORGAN PASS	6607	4	VD	658
	6	12	10	45	56.9625	1	1	13	33.006	36	20	10.81	4	9001	ORGAN PASS	6607	11	VD	659
	6	13	8	22	1.6833	3	1	23	37.620	-18	52	58.91	4	9011	VILLA DOLO	5944	3	BN	4115
	6	13	8	22	17.6832	3	1	21	45.874	-17	50	13.78	4	9011	VILLA DOLO	5944	5	BN	1052
	6	13	10	12	26.3155	1	8	28	32.971	-21	20	6.95	4	9003	WOOMERA	9865	3	VD	1046
	6	13	10	12	50.3155	1	8	25	21.431	-22	56	1.99	4	9003	WOOMERA	9865	9	VD	1047
	6	13	14	20	23.3269	1	1	3	30.497	27	26	22.21	4	9012	MAUI	6601	3	LT	1162
	6	13	14	21	39.0297	1	1	6	47.614	33	13	12.46	4	9012	MAUI	6601	6	LT	3465
	6	13	19	26	1.5276	1	1	1	42.150	-22	53	11.69	4	9003	WOOMERA	9871	4	RO	1696
	6	13	19	26	21.5275	1	0	59	10.043	-21	23	3.28	4	9003	WOOMERA	9871	9	RO	1697
	6	13	23	55	12.3238	3	8	47	17.793	- 8	28	30.02	4	9007	AREQUIPA	6215	2	PK	520
	6	14	3	55	44.4237	1	22	51	24.302	23	27	9.90	4	9002	OLIFANTS	7945	4	PL	1042
	6	14	3	58	4.8590	1	22	43	50.792	32	4	0.09	4	9002	OLIFANTS	7945	21	PL	1043
	6	14	9	23	35.7804	3	0	41	8.727	- 8	12	18.74	4	9007	AREQUIPA	6224	5	GL	2610
	6	14	9	24	7.7804	3	0	38	35.817	- 5	37	46.69	4	9007	AREQUIPA	6224	9	GL	1121
	6	14	20	19	3.3810	1	23	56	43.462	-32	54	43.07	4	9003	WOOMERA	9885	4	DM	778
	6	14	20	19	27.3802	1	23	53	56.473	-30	43	47.56	4	9003	WOOMERA	9885	10	DM	2601
	6	15	10	10	33.7478	3	0	1	56.580	-47	36	23.81	4	9007	AREQUIPA	6236	2	PG	1136
	6	15	10	12	12.4130	3	23	49	32.529	-39	39	39.41	4	9007	AREQUIPA	6236	12	PG	1137
	6	16	8	17	43.0142	3	1	27	58.101	-22	10	32.79	4	9011	VILLA DOLO	5968	3	BN	1050
	6	16	8	17	59.0139	3	1	25	56.785	-21	7	2.88	4	9011	VILLA DOLO	5968	5	BN	1051
	6	16	23	50	28.1090	3	8	50	52.815	- 3	35	54.83	4	9007	AREQUIPA	6246	2	PG	1138
	6	16	23	51	24.1085	3	8	46	49.955	- 7	37	9.53	4	9007	AREQUIPA	6246	9	PG	1139
	6	17	9	11	32.4774	3	0	37	1.574	-28	54	11.78	4	9011	VILLA DOLO	5977	5	BN	1048
	6	17	9	11	40.4771	3	0	35	56.628	-28	14	4.62	4	9011	VILLA DOLO	5977	6	BN	1049
	6	17	9	19	5.5161	3	0	41	46.687	-12	51	1.95	4	9007	AREQUIPA	6251	2	PG	1140
	6	17	9	19	37.5155	3	0	39	0.630	-10	14	0.46	4	9007	AREQUIPA	6251	6	PG	1141
	6	17	20	14	58.6510	1	23	53	2.807	-35	49	18.92	4	9003	WOOMERA	9911	4	BO	2599
	6	17	20	15	22.6508	1	23	50	16.124	-33	37	36.72	4	9003	WOOMERA	9911	10	BO	1028
	6	18	9	10	3.8248	1	9	16	52.937	-21	5	22.89	4	9003	WOOMERA	9912	3	LT	788
	6	18	9	10	19.8246	1	9	14	45.568	-22	25	9.89	4	9003	WOOMERA	9912	7	LT	789
	6	18	10	38	51.2527	1	1	11	36.919	38	39	28.50	4	9001	ORGAN PASS	6679	8	PK	2598
	6	18	10	39	3.2540	1	1	12	44.421	39	35	56.36	4	9001	ORGAN PASS	6679	11	PK	661
	6	19	10	3	41.6581	1	8	38	36.385	-14	45	39.11	4	9003	WOOMERA	9921	3	MW	782
	6	19	10	4	1.6578	1	8	36	23.188	-16	3	33.16	4	9003	WOOMERA	9921	8	MW	783
	6	19	14	12	41.6776	1	0	58	2.312	26	30	7.03	4	9012	MAUI	6699	4	LT	1166
	6	19	14	14	1.6832	1	1	0	39.113	32	54	59.91	4	9012	MAUI	6699	9	LT	1167
	6	19	19	19	2.6833	1	0	53	36.586	-22	52	4.28	4	9003	WOOMERA	9927	3	PK	780
	6	19	19	19	26.6828	1	0	50	38.789	-20	58	22.91	4	9003	WOOMERA	9927	9	PK	1700
	6	19	23	46	18.0728	3	8	51	57.298	- 1	20	47.56	4	9007	AREQUIPA	6274	2	PG	1142
	6	19	23	46	26.0726	3	8	51	26.533	- 1	54	31.94	4	9007	AREQUIPA	6274	3	PG	1143

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1962	6	20	3	48	33.9791	1	22	41	36.632	23	19	42.79	4	9002	OLIFANTS	7993	4	PL	1040
	6	20	3	48	49.9797	1	22	40	47.892	24	21	21.36	4	9002	OLIFANTS	7993	6	PL	1041
	6	20	18	0	41.5938	3	1	17	47.485	40	54	2.02	4	9005	TOKYO	6028	4	HC	487
	6	20	18	0	57.5940	3	1	19	39.265	42	8	41.98	4	9005	TOKYO	6028	6	HC	488
	6	22	10	1	39.6842	1	8	27	38.577	-20	29	46.21	4	9003	WOOMERA	9942	8	BO	1029
	6	22	10	1	55.6842	1	8	25	39.042	-21	28	55.19	4	9003	WOOMERA	9942	10	BO	1030
	6	22	14	9	55.6998	1	0	56	27.525	31	17	17.20	4	9012	MAUI	6759	5	LT	5912
	6	23	20	8	14.3468	1	23	35	20.805	-33	39	1.76	4	9003	WOOMERA	9955	3	BO	1031
	6	23	20	8	18.3466	1	23	34	58.107	-33	16	31.16	4	9003	WOOMERA	9955	4	BO	1032
	● 6	24	9	57	15.7339	3	22	57	46.913	-37	50	47.62	4	9011	VILLA DOLO	5993	4	VD	2614
	6	24	9	57	55.7329	3	22	55	44.450	-34	3	55.60	4	9011	VILLA DOLO	5993	9	VD	1153
	6	25	3	10	2.6771	1	1	36	45.561	40	14	1.25	4	9004	SAN FERNAN	5710	3	RO	1033
	6	25	3	10	18.6771	1	1	38	53.300	41	23	17.73	4	9004	SAN FERNAN	5710	5	RO	1695
	6	25	8	6	34.0223	3	1	26	20.188	-25	17	59.82	4	9011	VILLA DOLO	5998	3	VD	1154
	6	25	8	6	42.0223	3	1	25	14.520	-24	44	1.58	4	9011	VILLA DOLO	5998	4	VD	1155
	6	25	8	13	30.0793	3	1	28	52.438	-13	35	0.24	4	9007	AREQUIPA	6331	6	PG	2611
	6	25	8	13	38.0792	3	1	28	13.009	-13	2	31.48	4	9007	AREQUIPA	6331	7	PG	1144
	6	25	8	16	26.0820	3	1	16	2.081	- 1	24	53.10	4	9007	AREQUIPA	6332	3	BO	1145
	6	25	8	16	42.0809	3	1	15	1.010	- 0	17	38.76	4	9007	AREQUIPA	6332	5	BO	6285
	6	25	8	17	38.0681	3	0	28	27.268	20	16	5.71	4	9011	VILLA DOLO	6000	7	BA	3563
	6	25	8	17	46.0681	3	0	28	1.118	20	44	30.63	4	9011	VILLA DOLO	6000	8	BA	3564
	6	25	8	19	46.0668	3	0	21	57.337	27	34	58.90	4	9011	VILLA DOLO	6001	4	BA	3561
	6	25	8	20	18.0671	3	0	20	28.152	29	19	13.74	4	9011	VILLA DOLO	6001	8	BA	3562
	6	25	8	22	10.0791	3	0	58	55.302	22	7	56.38	4	9007	AREQUIPA	6334	3	MW	1123
	6	25	8	22	26.0778	3	0	58	20.318	23	10	17.97	4	9007	AREQUIPA	6334	5	MW	1124
	6	25	8	26	2.0659	3	0	52	10.915	36	26	34.09	4	9007	AREQUIPA	6335	6	PL	1326
	6	25	8	26	10.0657	3	0	52	0.950	36	54	19.07	4	9007	AREQUIPA	6335	7	PL	1327
	6	25	14	5	24.6308	1	0	51	40.170	27	26	21.19	4	9012	MAUI	6828	6	LT	1164
	6	25	14	5	32.6305	1	0	51	48.907	28	6	38.73	4	9012	MAUI	6828	8	LT	2617
	6	25	19	10	51.1598	1	0	53	31.002	-28	40	45.38	4	9003	WOOMERA	9975	4	VD	1034
	6	25	19	11	11.1594	1	0	50	47.055	-27	3	0.06	4	9003	WOOMERA	9975	9	VD	1035
	6	25	23	39	46.0794	3	8	48	1.896	- 4	21	36.87	4	9007	AREQUIPA	6342	4	GL	1118
	6	25	23	40	26.0800	3	8	45	21.834	- 7	0	16.97	4	9007	AREQUIPA	6342	9	GL	1119
	6	25	23	44	34.0804	3	8	24	38.582	-22	38	4.75	4	9007	AREQUIPA	6343	4	DM	1125
	6	25	23	48	42.0717	3	7	55	3.511	-36	6	26.20	4	9007	AREQUIPA	6344	3	PK	1131
	6	25	23	49	14.0722	3	7	50	26.840	-37	38	38.77	4	9007	AREQUIPA	6344	7	PK	1132
	6	26	9	10	2.0643	3	23	34	54.929	15	22	34.02	4	9011	VILLA DOLO	6012	3	BA	3559
	6	26	9	10	34.0637	3	23	33	5.548	17	31	28.98	4	9011	VILLA DOLO	6012	7	BA	3560
	6	26	9	13	14.0662	3	23	24	30.277	27	24	13.10	4	9011	VILLA DOLO	6013	3	HC	1053
	6	26	9	14	2.0652	3	23	22	2.143	30	6	23.12	4	9011	VILLA DOLO	6013	9	HC	1054
	6	26	16	18	3.8370	1	9	22	4.777	- 3	2	17.78	4	9002	OLIFANTS	8069	17	HC	1038
	6	26	16	18	19.8374	1	9	20	40.604	- 4	16	7.39	4	9002	OLIFANTS	8069	19	HC	1039
	6	27	9	4	9.0191	1	8	17	46.027	-41	15	20.34	4	9003	WOOMERA	9993	3	VD	2600
	6	27	9	4	25.0188	1	8	14	14.372	-42	15	5.43	4	9003	WOOMERA	9993	7	VD	775
	6	27	10	0	51.0541	3	23	1	40.066	-23	31	39.79	4	9007	AREQUIPA	6365	3	BN	1063

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	6	27	10	2	3.0531	3	22	57	23.008	-16	43	0.16	4	9007	AREQUIPA	6365	12	BN	1064
	6	27	10	26	44.5897	1	0	58	41.062	34	57	34.36	4	9001	ORGAN PASS	6818	3	PK	662
	6	27	10	26	56.5895	1	0	59	25.683	35	58	14.37	4	9001	ORGAN PASS	6818	6	PK	663
	6	27	18	14	0.9160	1	1	34	56.287	-20	2	20.97	4	9003	WOOMERA	10002	3	DM	776
	6	27	18	14	16.9158	1	1	33	2.717	-18	58	32.24	4	9003	WOOMERA	10002	7	DM	777
	6	27	22	50	53.1847	3	8	40	18.777	-23	47	21.99	4	9011	VILLA DOLO	6034	3	VD	1156
	6	27	22	51	25.1854	3	8	35	45.557	-25	55	9.29	4	9011	VILLA DOLO	6034	7	VD	2615
	6	28	8	2	50.0798	3	1	25	16.934	-26	28	4.76	4	9011	VILLA DOLO	6040	4	VD	1158
	6	28	8	3	14.0784	3	1	21	57.555	-24	43	41.37	4	9011	VILLA DOLO	6040	7	VD	1159
	6	28	8	5	14.0742	3	1	7	12.218	-15	52	47.79	4	9011	VILLA DOLO	6041	4	BN	1059
	6	28	8	5	30.0741	3	1	5	26.656	-14	41	27.19	4	9011	VILLA DOLO	6041	6	SS	4034
	6	28	8	5	30.0814	3	1	54	36.806	-31	9	39.59	4	9007	AREQUIPA	6370	4	SS	4036
	6	28	8	5	38.0739	3	1	4	34.965	-14	5	50.13	4	9011	VILLA DOLO	6041	7	BN	1060
	6	28	8	5	38.0814	3	1	53	37.584	-30	40	50.70	4	9007	AREQUIPA	6370	5	SS	4037
	6	28	8	5	46.0738	3	1	3	43.895	-13	30	12.03	4	9011	VILLA DOLO	6041	8	SS	4035
	6	28	8	5	46.0813	3	1	52	39.419	-30	11	47.64	4	9007	AREQUIPA	6370	6	BN	1061
	6	28	8	5	54.0813	3	1	51	41.425	-29	42	39.82	4	9007	AREQUIPA	6370	7	BN	1062
	6	28	8	8	10.0731	3	0	50	1.545	-	2	55	2.09	4	9011	VILLA DOLO	6042	4	PL	1057
	6	28	8	8	34.0726	3	0	48	0.648	-	1	11	21.37	4	9011	VILLA DOLO	6042	7	PL	1058
	6	28	8	11	30.0791	3	1	19	51.789	-	7	11	5.57	4	9007	AREQUIPA	6372	3	PL	2605
	6	28	8	11	46.0789	3	1	18	41.958	-	6	2	38.96	4	9007	AREQUIPA	6372	5	PL	2606
	6	28	8	11	54.0668	3	0	33	29.506		12	31	59.83	4	9011	VILLA DOLO	6043	3	PL	1055
	6	28	8	12	10.0666	3	0	32	29.229		13	34	15.86	4	9011	VILLA DOLO	6043	5	PL	1056
	6	28	8	14	50.0692	3	0	23	20.080		23	23	17.11	4	9011	VILLA DOLO	6044	2	LT	1160
	6	28	8	14	58.0691	3	0	22	55.134		23	51	11.32	4	9011	VILLA DOLO	6044	3	LT	1161
	6	28	8	14	58.0926	3	1	6	36.371		7	42	16.96	4	9007	AREQUIPA	6373	3	SS	4040
	6	28	8	15	6.0691	3	0	22	30.044		24	18	53.47	4	9011	VILLA DOLO	6044	4	SS	4038
	6	28	8	15	6.0922	3	1	6	10.424		8	16	20.30	4	9007	AREQUIPA	6373	4	SS	4041
	6	28	8	15	22.0688	3	0	21	41.294		25	13	58.40	4	9011	VILLA DOLO	6044	6	SS	4039
	6	28	8	15	22.0922	3	1	5	19.135		9	24	27.03	4	9007	AREQUIPA	6373	6	PL	1328
	6	28	8	15	30.0915	3	1	4	54.240		9	58	22.35	4	9007	AREQUIPA	6373	7	PL	1329
	6	28	8	19	14.0354	3	0	55	4.874		25	13	37.83	4	9007	AREQUIPA	6374	7	MW	1122
	6	28	19	7	15.9487	1	0	48	44.197	-29	9	29.71	4	9003	WOOMERA	10014	4	VD	1698
	6	28	19	7	27.6583	1	0	47	9.014	-28	11	3.92	4	9003	WOOMERA	10014	7	VD	1699
	6	29	9	23	13.8294	1	1	17	19.627		6	4	40.80	4	9001	ORGAN PASS	6849	3	GL	664
	6	29	9	23	37.8309	1	1	17	58.974		7	30	22.39	4	9001	ORGAN PASS	6849	6	GL	665
	6	29	9	26	49.8563	1	1	25	44.275		19	35	12.96	4	9001	ORGAN PASS	6850	4	GL	666
	6	29	9	27	5.8595	1	1	26	37.489		20	38	25.52	4	9001	ORGAN PASS	6850	6	GL	667
	6	29	9	30	1.8731	1	1	39	39.265		32	32	27.85	4	9001	ORGAN PASS	6851	2	MW	668
	6	29	9	30	41.8781	1	1	43	39.682		35	17	13.88	4	9001	ORGAN PASS	6851	7	MW	669
	6	29	16	18	8.2946	1	8	57	25.601	-19	39	24.95	4	9002	OLIFANTS	8095	4	HC	1036
	6	29	16	18	16.2945	1	8	56	27.980	-20	14	29.63	4	9002	OLIFANTS	8095	5	HC	1037
	6	29	20	1	7.1644	1	23	20	9.746	-33	15	8.13	4	9003	WOOMERA	10027	3	RO	1133
	6	29	20	1	26.6178	1	23	18	47.369	-31	24	37.04	4	9003	WOOMERA	10027	8	RO	1134
	6	30	7	12	18.0832	3	1	53	36.938	-10	41	31.71	4	9007	AREQUIPA	6394	2	BO	1151

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	6	30	7	13	6.0856	3	1	50	34.425	- 8	0	11.54	4	9007	AREQUIPA	6394	5	BO	2613
	6	30	7	16	18.0787	3	1	40	28.220	2	59	29.99	4	9007	AREQUIPA	6395	4	PL	1330
	6	30	7	17	38.0855	3	1	37	9.923	7	37	13.69	4	9007	AREQUIPA	6395	9	PL	1331
	6	30	7	20	50.0696	3	1	31	15.916	18	36	56.74	4	9007	AREQUIPA	6396	3	PL	1332
	6	30	7	21	6.0704	3	1	30	53.931	19	30	59.49	4	9007	AREQUIPA	6396	4	PL	2604
	6	30	9	2	6.5231	1	7	54	43.274	-45	49	54.82	4	9003	WOOMERA	10030	3	LT	2602
	6	30	9	2	33.8539	1	7	47	45.261	-47	16	53.71	4	9003	WOOMERA	10030	10	LT	791
	6	30	9	59	29.2810	3	22	47	13.357	-10	45	36.81	4	9007	AREQUIPA	6401	12	PK	1129
	6	30	9	59	45.2805	3	22	46	23.841	- 9	16	9.24	4	9007	AREQUIPA	6401	14	PK	1130
	6	30	18	10	21.3398	1	1	34	13.743	-20	45	49.64	4	9003	WOOMERA	10036	7	VD	1341
	6	30	18	10	25.2417	1	1	33	45.163	-20	29	54.23	4	9003	WOOMERA	10036	18	VD	1342
	6	30	20	47	10.9716	1	21	11	49.372	-69	0	38.89	4	9003	WOOMERA	10040	3	VD	1338
	6	30	20	47	38.2941	1	21	18	11.686	-67	3	46.50	4	9003	WOOMERA	10040	10	VD	2609
	7	1	0	11	12.2970	3	0	24	4.437	32	25	20.90	4	9008	SHIRAZ	8396	5	SS	5351
	7	1	0	11	20.2968	3	0	24	7.707	33	9	48.04	4	9008	SHIRAZ	8396	7	SS	5352
	7	1	2	19	35.5209	1	3	0	24.047	-68	31	25.42	4	9002	OLIFANTS	8109	5	SS	5338
	7	1	2	20	55.5209	1	2	22	31.037	-65	8	34.76	4	9002	OLIFANTS	8109	10	SS	5339
	7	1	3	2	55.9475	3	1	37	7.837	42	40	33.91	4	9004	SAN FERNAN	5795	3	BZ	5288
	7	1	3	3	19.9485	3	1	40	30.275	44	29	11.11	4	9004	SAN FERNAN	5795	6	BZ	5289
	7	1	8	1	14.0886	3	1	58	41.030	-34	21	48.80	4	9007	AREQUIPA	6405	4	SS	5649
	7	1	8	1	30.0885	3	1	56	33.132	-33	24	34.01	4	9007	AREQUIPA	6405	6	SS	5650
	7	1	8	4	18.0861	3	1	36	58.349	-22	39	44.19	4	9007	AREQUIPA	6406	2	SS	5651
	7	1	8	4	42.0859	3	1	34	32.959	-21	1	47.16	4	9007	AREQUIPA	6406	5	SS	5652
	7	1	8	7	46.0860	3	1	18	30.183	- 7	57	10.53	4	9007	AREQUIPA	6407	2	NG	5871
	7	1	8	8	26.0856	3	1	15	32.100	- 5	1	29.99	4	9007	AREQUIPA	6407	7	NG	5463
	7	1	8	11	14.0809	3	1	4	45.098	7	18	34.26	4	9007	AREQUIPA	6408	2	SS	5710
	7	1	8	12	2.0804	3	1	2	6.617	10	47	7.78	4	9007	AREQUIPA	6408	8	SS	5711
	7	1	8	14	42.0796	3	0	54	32.082	22	0	5.98	4	9007	AREQUIPA	6409	2	SS	5712
	7	1	8	15	14.0792	3	0	53	13.555	24	9	19.88	4	9007	AREQUIPA	6409	6	SS	5713
	7	1	8	19	22.0710	3	0	45	13.816	39	37	22.13	4	9007	AREQUIPA	6410	2	CB	7201
	7	1	8	19	38.0963	1	0	36	12.606	8	27	36.45	4	9009	CURACAO	5383	5	PB	7196
	7	1	8	20	10.0703	3	0	44	6.248	42	21	20.58	4	9007	AREQUIPA	6410	8	CB	5714
	7	1	8	20	58.0986	1	0	33	57.831	15	29	4.58	4	9009	CURACAO	5384	3	SS	5548
	7	2	3	52	2.8620	3	0	24	43.378	24	53	13.08	4	9004	SAN FERNAN	5813	5	BZ	5297
	7	2	3	52	42.8637	3	0	25	15.978	28	28	39.57	4	9004	SAN FERNAN	5813	10	BZ	5298
	7	2	9	2	58.0889	1	23	51	50.228	-42	29	40.44	4	9009	CURACAO	5394	4	LE	5549
	7	2	9	3	22.0890	1	23	50	0.620	-41	3	15.21	4	9009	CURACAO	5394	7	LE	5550
	7	2	9	6	18.0913	1	23	37	36.420	-29	21	31.49	4	9009	CURACAO	5395	5	LE	5551
	7	2	9	6	42.0913	1	23	36	0.715	-27	35	59.96	4	9009	CURACAO	5395	8	LE	5552
	7	2	9	9	22.0917	1	23	25	37.758	-14	50	11.27	4	9009	CURACAO	5396	3	LE	7200
	7	2	9	9	54.0920	1	23	23	34.263	-12	4	31.97	4	9009	CURACAO	5396	7	LE	5554
	7	2	9	12	50.0936	1	23	11	57.182	4	4	52.09	4	9009	CURACAO	5397	2	LE	5555
	7	2	9	13	22.0937	1	23	9	44.254	7	8	17.71	4	9009	CURACAO	5397	6	LE	5556
	7	2	9	14	34.0944	1	23	4	33.815	14	3	28.71	4	9009	CURACAO	5398	2	HB	5723
	7	2	9	14	50.0946	1	23	3	22.126	15	35	41.96	4	9009	CURACAO	5398	4	HB	5724

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	2	9	18	50.0957	1	22	42	29.514	37	39	17.77	4	9009	CURACAO	5399	2	PB	4012
	7	2	9	18	51.0842	1	1	16	48.627	3	27	0.67	4	9001	ORGAN PASS	6897	3	SS	4015
	7	2	9	18	58.0957	1	22	41	39.496	38	20	16.88	4	9009	CURACAO	5399	3	PB	4013
	7	2	9	18	59.0842	1	1	16	58.674	3	55	17.95	4	9001	ORGAN PASS	6897	5	SS	4016
	7	2	9	19	6.0955	1	22	40	49.254	39	1	1.00	4	9009	CURACAO	5399	4	PB	4014
	7	2	9	19	7.0834	1	1	17	9.270	4	23	45.70	4	9001	ORGAN PASS	6897	7	SS	4017
	7	2	9	21	19.0717	1	1	21	1.483	12	32	42.02	4	9001	ORGAN PASS	6898	3	HB	5706
	7	2	9	21	35.0724	1	1	21	38.178	13	34	24.30	4	9001	ORGAN PASS	6898	7	HB	5707
	7	2	9	21	46.0992	1	22	20	54.698	51	35	41.35	4	9009	CURACAO	5400	5	PB	5537
	7	2	9	24	35.7360	1	1	31	10.549	25	41	20.83	4	9001	ORGAN PASS	6899	4	HB	5708
	7	2	9	24	47.7359	1	1	32	1.028	26	31	10.23	4	9001	ORGAN PASS	6899	7	HB	5709
	7	2	9	28	3.7055	1	1	50	58.247	40	15	23.03	4	9001	ORGAN PASS	6900	4	SS	5384
	7	2	9	28	11.7043	1	1	52	0.419	40	48	45.29	4	9001	ORGAN PASS	6900	6	SS	5385
	7	2	9	30	47.7112	1	2	18	18.993	51	22	47.54	4	9001	ORGAN PASS	6901	6	SS	5583
	7	2	16	19	15.4441	1	8	14	12.239	-37	52	40.93	4	9002	OLIFANTS	8120	10	SS	7652
	7	2	16	19	47.4441	1	8	8	14.572	-39	42	18.46	4	9002	OLIFANTS	8120	14	SS	5340
	7	2	19	57	13.7180	1	23	13	57.225	-34	48	32.55	4	9003	WOOMERA	10056	3	LE	5866
	7	2	19	57	33.2381	1	23	12	44.518	-32	57	37.42	4	9003	WOOMERA	10056	8	LE	5428
	7	3	7	6	26.0733	3	2	4	39.293	-18	31	59.55	4	9007	AREQUIPA	6416	4	NG	7654
	7	3	7	9	38.0747	3	1	50	51.692	- 7	44	22.93	4	9007	AREQUIPA	6417	3	NG	5464
	7	3	7	10	26.0745	3	1	47	59.425	- 4	56	52.05	4	9007	AREQUIPA	6417	6	NG	5465
	7	3	7	17	6.0622	3	1	31	35.236	18	35	9.02	4	9007	AREQUIPA	6419	2	WS	5717
	7	3	7	18	10.0636	3	1	30	7.263	22	15	0.17	4	9007	AREQUIPA	6419	6	WS	5718
	7	3	9	54	22.4856	3	22	45	6.688	-19	7	23.23	4	9007	AREQUIPA	6421	4	NG	5466
	7	3	9	54	46.4849	3	22	43	58.475	-16	52	32.20	4	9007	AREQUIPA	6421	7	NG	5467
	7	3	10	18	56.0218	1	0	50	13.542	33	28	16.04	4	9001	ORGAN PASS	6919	3	SS	5381
	7	3	10	19	4.0217	1	0	50	34.258	34	10	23.56	4	9001	ORGAN PASS	6919	5	SS	5382
	7	4	0	7	20.9532	3	0	18	29.407	31	37	40.58	4	9008	SHIRAZ	8448	6	SE	5636
	7	4	0	7	28.9532	3	0	18	28.313	32	22	46.41	4	9008	SHIRAZ	8448	8	SE	5637
	7	4	2	14	27.1607	1	3	52	6.731	-72	41	51.65	4	9002	OLIFANTS	8135	3	WS	5861
	7	4	2	14	51.1609	1	3	35	55.431	-72	5	41.36	4	9002	OLIFANTS	8135	6	WS	5342
	7	4	2	15	31.1608	1	3	10	46.244	-70	52	32.83	4	9002	OLIFANTS	8135	11	WS	5343
	7	4	2	17	25.5341	1	2	12	19.202	-66	4	7.89	4	9002	OLIFANTS	8136	3	SS	5344
	7	4	2	17	57.5339	1	1	59	18.615	-64	24	54.12	4	9002	OLIFANTS	8136	7	SS	5345
	7	4	2	18	29.5340	1	1	47	32.895	-62	38	32.19	4	9002	OLIFANTS	8136	11	SS	5346
	7	4	2	58	25.9714	3	1	29	42.687	39	34	1.48	4	9004	SAN FERNAN	5824	3	BZ	5296
	7	4	8	16	26.0584	1	0	58	16.594	- 8	49	17.25	4	9010	JUPITER	6840	4	HB	6228
	7	4	8	28	2.1399	1	1	50	31.900	24	59	40.92	4	9001	ORGAN PASS	6929	3	SS	5379
	7	4	8	28	34.1479	1	1	53	9.312	26	49	17.18	4	9001	ORGAN PASS	6929	7	SS	5380
	7	4	8	31	46.4847	1	2	14	4.905	37	52	16.22	4	9001	ORGAN PASS	6930	4	SS	5377
	7	4	8	32	2.4880	1	2	16	18.754	38	47	3.12	4	9001	ORGAN PASS	6930	6	SS	5378
	7	4	8	34	51.1378	1	2	46	1.510	48	3	24.49	4	9001	ORGAN PASS	6931	2	MJ	5375
	7	4	8	35	7.1406	1	2	49	32.991	48	53	25.02	4	9001	ORGAN PASS	6931	4	MJ	5376
	7	4	13	53	34.2143	1	0	38	39.927	23	53	58.53	4	9012	MAUI	6919	3	WS	5655
	7	4	13	54	14.2147	1	0	38	33.956	27	28	57.19	4	9012	MAUI	6919	8	WS	7657

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	4	19	0	5.2235	1	0	37	59.344	-30	1	51.32	4	9003	WOOMERA	10066 3	FI	5445
	7	4	19	0	21.2233	1	0	35	55.895	-28	38	33.25	4	9003	WOOMERA	10066 7	FI	5446
	7	5	8	49	22.0852	1	0	4	53.578	-34	22	15.15	4	9011	VILLA DOLO	6061 2	BZ	6039
	7	5	8	49	54.0845	1	0	1	22.763	-31	25	28.15	4	9011	VILLA DOLO	6061 6	BZ	6040
	7	5	8	51	6.0830	1	23	54	16.671	-24	45	44.18	4	9011	VILLA DOLO	6062 2	BZ	6041
	7	5	8	51	38.0825	1	23	51	25.707	-21	48	31.99	4	9011	VILLA DOLO	6062 6	BZ	6042
	7	5	8	58	50.0802	1	23	23	7.010	13	48	30.91	4	9011	VILLA DOLO	6063 5	SS	4042
	7	5	8	58	50.1077	1	23	47	17.995	-44	35	58.55	4	9009	CURACAO	5427 4	SS	4046
	7	5	8	58	58.0801	1	23	22	41.665	14	21	50.37	4	9011	VILLA DOLO	6063 6	SS	4043
	7	5	8	58	58.1076	1	23	46	41.372	-44	7	59.61	4	9009	CURACAO	5427 5	SS	4047
	7	5	8	59	6.0800	1	23	22	16.319	14	54	50.22	4	9011	VILLA DOLO	6063 7	SS	4044
	7	5	8	59	6.1076	1	23	46	4.910	-43	39	53.50	4	9009	CURACAO	5427 6	SS	4048
	7	5	8	59	14.0801	1	23	21	51.490	15	27	38.78	4	9011	VILLA DOLO	6063 8	SS	4045
	7	5	8	59	14.1076	1	23	45	28.766	-43	11	25.75	4	9009	CURACAO	5427 7	SS	4049
	7	5	9	2	10.0769	1	23	12	56.558	26	31	21.02	4	9011	VILLA DOLO	6064 5	SS	4022
	7	5	9	2	10.1034	1	23	33	2.801	-31	45	46.12	4	9009	CURACAO	5428 4	SS	4018
	7	5	9	2	18.0768	1	23	12	32.914	26	58	57.98	4	9011	VILLA DOLO	6064 6	SS	4023
	7	5	9	2	18.1035	1	23	32	30.507	-31	11	41.69	4	9009	CURACAO	5428 5	SS	4019
	7	5	9	2	26.0769	1	23	12	9.025	27	26	29.13	4	9011	VILLA DOLO	6064 7	SS	4024
	7	5	9	2	26.1036	1	23	31	58.584	-30	37	18.82	4	9009	CURACAO	5428 6	SS	4020
	7	5	9	2	34.0767	1	23	11	45.266	27	53	44.72	4	9011	VILLA DOLO	6064 8	SS	4025
	7	5	9	2	34.1033	1	23	31	26.651	-30	2	42.15	4	9009	CURACAO	5428 7	SS	4021
	7	5	9	5	46.1094	1	23	18	54.939	-14	51	2.32	4	9009	CURACAO	5429 4	PB	5538
	7	5	9	6	10.1096	1	23	17	21.098	-12	46	39.15	4	9009	CURACAO	5429 7	PB	7197
	7	5	9	6	18.0671	1	0	13	17.611	-27	14	33.49	4	9010	JUPITER	6866 2	SS	5719
	7	5	9	6	42.0671	1	0	12	12.785	-25	50	37.08	4	9010	JUPITER	6866 5	SS	5720
	7	5	9	8	10.0685	1	0	8	23.056	-20	25	12.91	4	9010	JUPITER	6867 2	MJ	3998
	7	5	9	8	10.1108	1	23	9	21.516	- 1	55	51.58	4	9009	CURACAO	5430 2	MJ	4001
	7	5	9	8	18.0685	1	0	8	2.639	-19	54	13.64	4	9010	JUPITER	6867 3	MJ	3999
	7	5	9	8	18.1109	1	23	8	48.586	- 1	11	5.20	4	9009	CURACAO	5430 3	MJ	4002
	7	5	9	8	26.0687	1	0	7	42.401	-19	22	56.23	4	9010	JUPITER	6867 4	MJ	4000
	7	5	9	8	26.1116	1	23	8	15.530	- 0	26	6.36	4	9009	CURACAO	5430 4	MJ	4003
	7	5	9	10	18.1110	1	23	0	14.557	10	13	3.25	4	9009	CURACAO	5431 3	PB	7198
	7	5	9	10	34.1119	1	22	59	2.394	11	45	3.87	4	9009	CURACAO	5431 5	PB	7199
	7	5	9	11	46.0694	1	23	59	35.664	- 4	55	27.68	4	9010	JUPITER	6868 2	CB	5715
	7	5	9	12	10.0700	1	23	58	38.850	- 2	59	58.51	4	9010	JUPITER	6868 5	CB	5716
	7	5	9	16	18.0749	1	23	48	40.465	19	4	2.26	4	9010	JUPITER	6869 4	SS	4026
	7	5	9	16	18.1137	1	22	26	23.489	42	43	12.83	4	9009	CURACAO	5432 5	SS	4030
	7	5	9	16	26.0751	1	23	48	20.131	19	49	57.76	4	9010	JUPITER	6869 5	SS	4027
	7	5	9	16	26.1136	1	22	25	23.844	43	21	24.11	4	9009	CURACAO	5432 6	SS	4031
	7	5	9	16	34.0754	1	23	47	59.648	20	35	52.85	4	9010	JUPITER	6869 6	SS	4028
	7	5	9	16	34.1138	1	22	24	22.997	43	59	17.63	4	9009	CURACAO	5432 7	SS	4032
	7	5	9	16	42.0755	1	23	47	39.086	21	21	56.51	4	9010	JUPITER	6869 7	SS	4029
	7	5	9	16	42.1138	1	22	23	21.373	44	36	58.59	4	9009	CURACAO	5432 8	SS	4033
	7	5	9	19	38.0794	1	23	39	20.464	38	26	38.66	4	9010	JUPITER	6870 3	AA	4008

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	5	9	19	38.1128	1	21	55	24.712	57	8	5.54	4	9009	CURACAO	5433	3	MJ	4004
	7	5	9	19	46.0791	1	23	38	54.765	39	12	51.92	4	9010	JUPITER	6870	4	AA	4009
	7	5	9	19	46.1128	1	21	53	50.119	57	38	40.07	4	9009	CURACAO	5433	4	MJ	4005
	7	5	9	19	54.0794	1	23	38	28.956	39	58	51.10	4	9010	JUPITER	6870	5	AA	4010
	7	5	9	19	54.1129	1	21	52	13.230	58	8	57.94	4	9009	CURACAO	5433	5	MJ	4006
	7	5	9	20	2.0796	1	23	38	2.592	40	45	2.11	4	9010	JUPITER	6870	6	AA	4011
	7	5	9	20	2.1128	1	21	50	34.240	58	38	54.39	4	9009	CURACAO	5433	6	MJ	4007
	7	5	9	22	2.0791	1	23	30	28.869	51	56	47.29	4	9010	JUPITER	6871	3	HB	7212
	7	5	9	22	34.0799	1	23	28	3.019	54	48	22.08	4	9010	JUPITER	6871	7	HB	6230
	7	5	9	25	30.0871	1	23	7	58.642	69	16	47.54	4	9010	JUPITER	6872	3	HB	6198
	7	5	9	25	46.0877	1	23	5	10.128	70	28	50.99	4	9010	JUPITER	6872	5	HB	6199
	7	5	9	28	58.0911	1	21	37	14.282	83	3	57.82	4	9010	JUPITER	6873	4	HB	6200
	7	5	9	29	30.0919	1	20	51	13.186	84	38	33.06	4	9010	JUPITER	6873	8	HB	6201
	7	5	19	53	15.9076	1	23	7	46.442	-36	42	15.77	4	9003	WOOMERA	10076	4	FI	5447
	7	5	19	53	27.9074	1	23	7	8.040	-35	34	15.48	4	9003	WOOMERA	10076	7	FI	5448
	7	5	19	53	43.9073	1	23	6	18.283	-34	3	28.14	4	9003	WOOMERA	10076	11	FI	5449
	7	6	7	3	14.0788	1	1	25	43.017	- 2	32	12.21	4	9011	VILLA DOLO	6072	3	BZ	6043
	7	6	7	4	2.0797	1	1	22	1.908	0	27	21.59	4	9011	VILLA DOLO	6072	6	BZ	6044
	7	6	7	7	14.0720	1	1	9	29.876	12	3	34.54	4	9011	VILLA DOLO	6073	2	BZ	6045
	7	6	7	7	30.0724	1	1	8	35.695	12	59	31.48	4	9011	VILLA DOLO	6073	3	BZ	6046
	7	6	7	10	90.0902	1	1	35	42.773	-21	36	7.41	4	9009	CURACAO	5439	5	HB	5725
	7	6	7	11	6.0902	1	1	35	2.848	-20	43	1.75	4	9009	CURACAO	5439	7	HB	5726
	7	6	7	14	18.0931	1	1	28	39.246	- 9	16	36.32	4	9009	CURACAO	5440	5	HB	5727
	7	6	7	14	34.0935	1	1	28	15.069	- 8	15	25.20	4	9009	CURACAO	5440	7	HB	5728
	7	6	7	20	2.0963	1	1	24	37.545	14	35	11.72	4	9009	CURACAO	5441	5	HB	5729
	7	6	7	20	26.0965	1	1	24	44.215	16	21	35.63	4	9009	CURACAO	5441	8	HB	5730
	7	6	7	23	30.0961	1	1	27	45.537	30	3	27.53	4	9009	CURACAO	5442	3	HB	5731
	7	6	7	23	46.0968	1	1	28	13.655	31	14	31.58	4	9009	CURACAO	5442	5	HB	5732
	7	6	7	27	14.0980	1	1	38	29.184	46	6	46.27	4	9009	CURACAO	5443	5	CB	5733
	7	6	7	27	30.0982	1	1	39	40.174	47	12	8.30	4	9009	CURACAO	5443	7	CB	7203
	7	6	7	30	34.0979	1	1	59	47.773	58	56	12.70	4	9009	CURACAO	5444	8	CB	7658
	7	6	18	2	59.2045	1	1	32	15.951	-22	29	6.99	4	9003	WOOMERA	10081	2	FI	5867
	7	6	18	3	19.2045	1	1	29	44.776	-21	3	26.44	4	9003	WOOMERA	10081	7	FI	5451
	7	6	20	43	59.6225	1	21	34	37.639	-48	25	3.47	4	9003	WOOMERA	10085	3	FI	5452
	7	6	20	44	23.6221	1	21	36	40.784	-46	27	50.61	4	9003	WOOMERA	10085	9	FI	5453
	7	7	8	12	51.0743	1	0	56	34.652	- 8	55	36.93	4	9010	JUPITER	6900	4	VD	7137
	7	7	8	12	58.0982	1	0	24	59.172	11	46	39.87	4	9009	CURACAO	5457	4	DM	6744
	7	7	8	13	6.0984	1	0	24	41.497	12	30	35.70	4	9009	CURACAO	5457	5	DM	6745
	7	7	8	13	14.0983	1	0	24	23.829	13	14	29.66	4	9009	CURACAO	5457	6	DM	6746
	7	7	8	13	30.0990	1	0	23	48.627	14	42	33.71	4	9009	CURACAO	5457	8	DM	6747
	7	7	8	16	11.0779	1	0	55	3.404	5	4	39.64	4	9010	JUPITER	6901	4	HB	6202
	7	7	8	16	19.0778	1	0	55	3.320	5	40	58.57	4	9010	JUPITER	6901	5	HB	6203
	7	7	8	19	31.0793	1	0	56	41.851	21	5	0.75	4	9010	JUPITER	6902	3	DM	7397
	7	7	8	19	47.0794	1	0	57	0.489	22	25	44.43	4	9010	JUPITER	6902	5	DM	7398
	7	7	8	19	50.1020	1	0	11	46.568	48	17	20.27	4	9009	CURACAO	5458	5	HC	6748

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	7	8	20	6.1016	1	0	11	19.528	49	33	55.95	4	9009	CURACAO	5458	7	HC	6749
	7	7	8	20	14.1022	1	0	11	5.926	50	11	55.52	4	9009	CURACAO	5458	8	HC	6750
	7	7	8	22	59.0851	1	1	3	37.321	38	52	52.65	4	9010	JUPITER	6903	3	DM	7126
	7	7	8	23	6.0890	1	1	46	55.516	20	57	57.81	4	9001	ORGAN PASS	6981	4	HC	7146
	7	7	8	23	15.0854	1	1	4	29.016	40	15	2.39	4	9010	JUPITER	6903	5	DM	7127
	7	7	8	23	18.1037	1	0	5	59.857	63	40	32.43	4	9009	CURACAO	5459	4	BN	7365
	7	7	8	23	30.0839	1	1	48	33.276	22	20	32.95	4	9001	ORGAN PASS	6981	7	HC	7147
	7	7	8	23	34.1037	1	0	5	32.775	64	45	1.23	4	9009	CURACAO	5459	6	BN	7366
	7	7	8	23	42.1038	1	0	5	19.482	65	16	53.43	4	9009	CURACAO	5459	7	BN	7367
	7	7	8	26	19.0907	1	1	20	12.047	55	29	10.75	4	9010	JUPITER	6904	4	MY	7395
	7	7	8	26	35.0909	1	1	22	16.162	56	44	30.05	4	9010	JUPITER	6904	6	MY	7396
	7	7	8	26	46.1057	1	23	59	28.810	76	30	52.81	4	9009	CURACAO	5460	3	MY	7393
	7	7	8	27	2.1057	1	23	58	48.885	77	24	29.23	4	9009	CURACAO	5460	5	MY	7394
	7	7	18	56	56.8028	1	0	28	44.449	-28	1	38.97	4	9003	WOOMERA	10090	2	FI	5454
	7	7	18	57	4.8026	1	0	27	47.614	-27	19	6.36	4	9003	WOOMERA	10090	4	FI	5455
	7	8	8	53	38.0878	3	0	4	22.497	-15	57	17.43	4	9007	AREQUIPA	6462	1	LE	5470
	7	8	8	54	18.0867	3	0	1	5.172	-12	14	11.35	4	9007	AREQUIPA	6462	6	LE	5471
	7	8	8	57	30.0916	3	23	47	0.453	5	20	59.81	4	9007	AREQUIPA	6463	3	DM	7128
	7	8	8	57	38.0913	3	23	46	28.081	6	3	28.86	4	9007	AREQUIPA	6463	4	DM	7129
	7	8	8	58	2.0968	1	23	28	22.341	-34	3	53.35	4	9009	CURACAO	5470	10	PG	6751
	7	8	8	59	54.0866	3	23	37	37.129	17	33	48.83	4	9007	AREQUIPA	6464	2	DM	6614
	7	8	8	59	54.0976	1	23	21	1.751	-25	54	0.74	4	9009	CURACAO	5471	3	MY	7455
	7	8	9	0	2.0859	3	23	37	6.852	18	12	24.23	4	9007	AREQUIPA	6464	3	DM	7281
	7	8	9	0	2.0982	1	23	20	30.701	-25	17	0.46	4	9009	CURACAO	5471	4	MY	6587
	7	8	9	0	10.0858	3	23	36	36.595	18	50	45.26	4	9007	AREQUIPA	6464	4	DM	6615
	7	8	9	0	10.0982	1	23	19	59.772	-24	39	44.13	4	9009	CURACAO	5471	5	MY	6588
	7	8	9	3	14.0850	3	23	25	7.851	32	23	55.28	4	9007	AREQUIPA	6465	2	LD	6599
	7	8	9	3	14.0977	1	23	7	57.542	- 9	12	57.89	4	9009	CURACAO	5472	4	PL	6595
	7	8	9	3	22.0854	3	23	24	37.923	32	56	19.28	4	9007	AREQUIPA	6465	3	LD	6600
	7	8	9	3	22.0977	1	23	7	25.324	- 8	29	53.95	4	9009	CURACAO	5472	5	PL	6596
	7	8	9	3	30.0976	1	23	6	53.148	- 7	46	39.07	4	9009	CURACAO	5472	6	PL	7456
	7	8	9	3	38.0851	3	23	23	37.481	34	0	21.37	4	9007	AREQUIPA	6465	5	LD	6601
	7	8	9	3	38.0974	1	23	6	20.601	- 7	3	13.83	4	9009	CURACAO	5472	7	PL	6597
	7	8	9	3	46.0850	3	23	23	7.061	34	32	2.03	4	9007	AREQUIPA	6465	6	LD	6602
	7	8	9	3	46.0976	1	23	5	48.043	- 6	19	35.86	4	9009	CURACAO	5472	8	PL	6598
	7	8	9	5	30.0784	1	0	1	43.094	-16	53	10.18	4	9010	JUPITER	6921	4	BO	7134
	7	8	9	5	46.0785	1	0	1	0.880	-15	46	31.46	4	9010	JUPITER	6921	6	BO	7135
	7	8	9	5	46.0820	1	23	15	20.925	41	59	18.45	4	9007	AREQUIPA	6466	2	DU	7130
	7	8	9	5	54.0821	1	23	14	48.760	42	27	22.25	4	9007	AREQUIPA	6466	3	DU	7131
	7	8	9	8	42.0830	1	23	53	22.010	- 2	20	49.26	4	9010	JUPITER	6922	5	MY	7391
	7	8	9	8	58.0832	1	23	52	40.121	- 1	0	55.17	4	9010	JUPITER	6922	7	MY	7392
	7	8	9	9	14.1020	1	22	40	18.731	24	29	54.68	4	9009	CURACAO	5473	4	PG	6752
	7	8	9	9	22.1025	1	22	39	33.988	25	13	51.99	4	9009	CURACAO	5473	5	PG	6753
	7	8	9	9	30.1025	1	22	38	49.076	25	57	40.85	4	9009	CURACAO	5473	6	PG	6754
	7	8	9	9	38.1025	1	22	38	3.429	26	41	20.84	4	9009	CURACAO	5473	7	PG	6755

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	8	9	10	58.1139	1	1	16	39.914	1	9	51.48	4	9001	ORGAN PASS	7007	7	LT	7385
	7	8	9	11	6.0813	1	23	46	55.914	10	15	24.97	4	9010	JUPITER	6923	3	LT	7634
	7	8	9	11	14.0814	1	23	46	33.757	10	59	38.10	4	9010	JUPITER	6923	4	LT	7390
	7	8	9	11	30.1048	1	22	26	24.064	36	29	17.24	4	9009	CURACAO	5474	2	BA	6756
	7	8	9	12	2.1051	1	22	22	39.169	39	8	20.77	4	9009	CURACAO	5474	6	BA	6757
	7	8	9	14	2.1136	1	1	21	8.500	12	52	44.00	4	9001	ORGAN PASS	7008	3	LT	7384
	7	8	9	14	6.1135	1	1	21	16.797	13	8	54.06	4	9001	ORGAN PASS	7008	4	LT	7633
	7	8	9	14	34.0852	1	23	36	22.119	30	13	6.10	4	9010	JUPITER	6924	6	LT	7388
	7	8	9	14	58.0859	1	23	34	58.192	32	34	6.54	4	9010	JUPITER	6924	9	LT	9135
	7	8	9	15	22.1037	1	21	52	54.314	53	55	45.08	4	9009	CURACAO	5475	6	BA	6758
	7	8	9	17	38.1148	1	1	32	12.691	28	6	47.69	4	9001	ORGAN PASS	7009	2	LT	7382
	7	8	9	17	46.1140	1	1	32	47.383	28	41	56.19	4	9001	ORGAN PASS	7009	4	LT	7383
	7	8	9	18	18.0925	1	23	20	16.567	51	33	54.00	4	9010	JUPITER	6925	5	LT	7386
	7	8	9	18	26.0927	1	23	19	31.435	52	17	9.85	4	9010	JUPITER	6925	6	LT	7387
	7	8	9	21	10.1093	1	1	53	42.048	43	42	46.72	4	9001	ORGAN PASS	7010	4	VD	7754
	7	8	9	21	14.1097	1	1	54	15.638	44	0	16.59	4	9001	ORGAN PASS	7010	5	VD	7141
	7	8	9	21	54.0875	1	22	49	3.825	69	24	51.79	4	9010	JUPITER	6926	7	VD	7136
	7	8	14	41	24.4648	1	23	11	1.321	11	3	36.54	4	9012	MAUI	6957	3	PB	7193
	7	8	14	42	51.0649	1	23	4	26.152	19	24	31.04	4	9012	MAUI	6957	13	PB	7194
	7	9	7	5	22.0964	3	1	41	37.544	2	44	1.07	4	9007	AREQUIPA	6469	3	LE	5472
	7	9	7	7	54.1388	1	1	33	21.806	-19	49	23.07	4	9009	CURACAO	5482	7	DU	6759
	7	9	7	8	10.1383	1	1	32	43.418	-18	53	29.48	4	9009	CURACAO	5482	9	DU	6760
	7	9	7	8	18.0919	3	1	34	8.782	13	38	20.30	4	9007	AREQUIPA	6470	2	DM	7510
	7	9	7	9	6.0933	3	1	32	32.024	16	34	8.53	4	9007	AREQUIPA	6470	5	DM	7133
	7	9	7	11	14.1590	1	1	26	48.763	- 7	23	32.71	4	9009	CURACAO	5483	3	BN	7368
	7	9	7	11	30.1594	1	1	26	25.359	- 6	19	29.11	4	9009	CURACAO	5483	5	BN	7369
	7	9	7	11	38.1595	1	1	26	14.021	- 5	47	14.00	4	9009	CURACAO	5483	6	BN	9786
	7	9	7	11	46.0889	3	1	28	24.215	26	5	3.13	4	9007	AREQUIPA	6471	2	DM	7144
	7	9	7	11	46.1593	1	1	26	3.080	- 5	14	49.57	4	9009	CURACAO	5483	7	BN	7749
	7	9	7	12	50.0917	3	1	27	18.083	29	45	6.30	4	9007	AREQUIPA	6471	6	DM	7145
	7	9	7	16	50.1411	1	1	23	1.860	16	50	10.20	4	9009	CURACAO	5484	6	LE	7204
	7	9	7	16	58.1405	1	1	23	3.767	17	26	39.72	4	9009	CURACAO	5484	7	LE	5735
	7	9	7	20	2.1473	1	1	25	49.190	31	29	19.51	4	9009	CURACAO	5485	4	LE	5736
	7	9	7	20	26.1476	1	1	26	30.025	33	17	59.08	4	9009	CURACAO	5485	7	LE	5737
	7	9	7	23	38.1498	1	1	35	43.388	47	15	15.78	4	9009	CURACAO	5486	4	SS	5557
	7	9	7	24	2.1496	1	1	37	28.148	48	54	36.05	4	9009	CURACAO	5486	7	SS	5558
	7	9	9	38	25.6425	1	22	23	45.802	-40	24	58.05	4	9011	VILLA DOLO	6083	3	BZ	6047
	7	9	9	38	41.6424	1	22	23	54.114	-38	57	56.77	4	9011	VILLA DOLO	6083	5	BZ	6048
	7	9	9	45	47.9960	3	22	35	9.159	-26	13	56.28	4	9007	AREQUIPA	6475	1	LE	5473
	7	9	9	46	27.9949	3	22	33	45.941	-22	33	54.75	4	9007	AREQUIPA	6475	6	LE	5474
	7	9	17	58	58.6387	1	1	33	22.338	-24	47	57.02	4	9003	WOOMERA	10104	2	FI	5868
	7	9	17	59	14.6384	1	1	31	14.622	-23	38	14.82	4	9003	WOOMERA	10104	6	FI	5457
	7	9	17	59	30.6384	1	1	29	10.124	-22	28	6.75	4	9003	WOOMERA	10104	10	FI	5458
	7	9	20	41	55.6209	1	21	37	46.259	-40	1	27.43	4	9003	WOOMERA	10107	2	FI	5459
	7	9	20	42	15.6205	1	21	39	4.308	-38	23	33.93	4	9003	WOOMERA	10107	7	FI	7189

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	10	7	48	58.0856	1	1	8	9.985	-26	18	23.26	4	9011	VILLA DOLO	6091	4	BZ	6049
	7	10	7	55	14.0818	1	0	30	32.229	3	33	1.22	4	9011	VILLA DOLO	6092	3	BZ	6050
	7	10	7	55	38.0815	1	0	28	45.960	5	19	24.97	4	9011	VILLA DOLO	6092	6	BZ	6051
	7	10	7	59	46.0986	1	0	49	38.096	-33	20	13.39	4	9009	CURACAO	5494	3	LE	5738
	7	10	8	0	18.0989	1	0	47	27.384	-31	21	43.38	4	9009	CURACAO	5494	7	LE	7205
	7	10	8	1	54.0786	1	0	6	12.853	29	33	18.72	4	9011	VILLA DOLO	6093	15	LT	6603
	7	10	8	1	54.0944	1	0	41	21.958	-25	2	42.19	4	9009	CURACAO	5495	2	HC	6589
	7	10	8	2	2.0785	1	0	5	48.760	29	59	58.05	4	9011	VILLA DOLO	6093	16	LT	6604
	7	10	8	2	2.0944	1	0	40	53.415	-24	29	27.71	4	9009	CURACAO	5495	3	HC	6590
	7	10	8	2	10.0785	1	0	5	24.216	30	26	25.32	4	9011	VILLA DOLO	6093	17	LT	6605
	7	10	8	2	10.0945	1	0	40	24.795	-23	56	0.18	4	9009	CURACAO	5495	4	HC	6591
	7	10	8	2	18.0785	1	0	5	0.480	30	52	49.41	4	9011	VILLA DOLO	6093	18	LT	6606
	7	10	8	2	18.0941	1	0	39	56.503	-23	22	15.82	4	9009	CURACAO	5495	5	HC	6592
	7	10	8	2	26.0785	1	0	4	36.503	31	18	57.29	4	9011	VILLA DOLO	6093	19	LT	6607
	7	10	8	2	26.0943	1	0	39	28.457	-22	48	17.30	4	9009	CURACAO	5495	6	HC	6593
	7	10	8	2	34.0787	1	0	4	12.592	31	44	56.89	4	9011	VILLA DOLO	6093	20	LT	6608
	7	10	8	2	34.0943	1	0	39	0.745	-22	14	2.30	4	9009	CURACAO	5495	7	HC	6594
	7	10	8	6	10.1080	1	0	27	44.475	- 5	13	18.99	4	9009	CURACAO	5496	6	NG	7214
	7	10	8	6	18.1077	1	0	27	21.737	- 4	32	12.67	4	9009	CURACAO	5496	7	NG	6232
	7	10	8	8	34.0997	1	0	21	14.852	7	35	22.95	4	9009	CURACAO	5497	5	AA	6233
	7	10	8	8	58.1004	1	0	20	13.421	9	48	5.99	4	9009	CURACAO	5497	8	NG	6234
	7	10	8	9	46.1013	1	0	18	12.976	14	15	44.91	4	9009	CURACAO	5498	2	PB	6235
	7	10	8	10	2.1017	1	0	17	33.276	15	45	23.68	4	9009	CURACAO	5498	4	PB	7215
	7	10	8	12	2.0994	1	0	12	43.298	26	56	35.90	4	9009	CURACAO	5499	4	PB	7216
	7	10	8	12	18.1000	1	0	12	5.323	28	25	6.60	4	9009	CURACAO	5499	6	FI	6238
	7	10	8	15	30.1068	1	0	4	26.353	45	19	35.97	4	9009	CURACAO	5500	4	SS	5559
	7	10	8	16	10.1070	1	0	2	46.638	48	36	14.67	4	9009	CURACAO	5500	9	SS	5560
	7	10	8	18	42.1015	1	23	55	49.130	60	8	11.31	4	9009	CURACAO	5501	4	FI	9127
	7	10	8	18	58.1011	1	23	54	59.044	61	15	53.17	4	9009	CURACAO	5501	6	FI	7217
	7	10	8	22	34.1058	1	23	39	3.415	74	58	3.00	4	9009	CURACAO	5502	6	SS	6239
	7	10	8	22	50.1059	1	23	37	11.662	75	52	36.24	4	9009	CURACAO	5502	8	SS	6240
	7	10	18	53	0.2543	1	0	25	4.124	-30	13	9.70	4	9003	WOOMERA	10112	2	FI	5460
	7	10	18	53	11.9709	1	0	23	41.203	-29	9	56.32	4	9003	WOOMERA	10112	5	FI	5461
	7	10	18	53	27.5914	1	0	21	53.811	-27	45	32.04	4	9003	WOOMERA	10112	9	FI	9870
	7	11	3	43	21.3254	3	0	10	11.445	38	29	8.57	4	9004	SAN FERNAN	5933	6	BZ	5283
	7	11	3	43	29.3252	3	0	10	8.524	39	15	48.28	4	9004	SAN FERNAN	5933	8	BZ	5284
	7	11	9	7	30.1597	1	22	21	13.647	34	7	51.55	4	9009	CURACAO	5509	3	SS	5561
	7	11	9	8	2.1594	1	22	17	29.170	36	47	36.86	4	9009	CURACAO	5509	7	SS	5562
	7	11	14	37	0.1986	1	23	7	47.838	6	31	25.83	4	9012	MAUI	6975	2	SS	6216
	7	12	7	0	2.0832	1	1	7	21.718	12	31	51.34	4	9011	VILLA DOLO	6108	6	CB	5983
	7	12	7	0	23.0956	3	1	45	56.504	- 2	28	18.76	4	9007	AREQUIPA	6492	5	SS	5530
	7	12	7	0	26.0829	1	1	5	57.965	13	58	32.75	4	9011	VILLA DOLO	6108	9	CB	5984
	7	12	7	1	59.0982	3	1	40	43.461	3	38	35.50	4	9007	AREQUIPA	6492	11	SS	5531
	7	12	7	3	51.0913	3	1	35	37.283	10	46	3.66	4	9007	AREQUIPA	6493	2	SS	5532
	7	12	7	5	27.0934	3	1	32	2.438	16	47	22.62	4	9007	AREQUIPA	6493	8	SS	5533

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	12	7	7	6.0951	1	1	26	19.066	- 9	43	12.31	4	9009	CURACAO	5518	5	SS	6241
	7	12	7	7	35.0889	3	1	28	21.777	24	35	41.88	4	9007	AREQUIPA	6494	4	PB	5534
	7	12	7	7	38.0950	1	1	25	25.286	- 7	33	48.93	4	9009	CURACAO	5518	9	SS	6242
	7	12	7	8	39.0901	3	1	26	59.083	28	22	22.11	4	9007	AREQUIPA	6494	8	PB	5535
	7	12	7	11	46.1015	1	1	21	10.914	10	30	7.98	4	9009	CURACAO	5519	3	SS	6243
	7	12	7	12	10.1015	1	1	21	2.434	12	20	59.20	4	9009	CURACAO	5519	6	SS	6244
	7	12	7	15	22.1035	1	1	21	56.174	27	21	41.06	4	9009	CURACAO	5520	3	SS	6245
	7	12	7	15	54.1035	1	1	22	28.954	29	51	29.51	4	9009	CURACAO	5520	7	SS	6246
	7	12	7	18	50.1045	1	1	28	14.246	43	13	19.29	4	9009	CURACAO	5521	2	SE	5739
	7	12	7	19	46.1052	1	1	31	18.273	47	16	8.63	4	9009	CURACAO	5521	9	SE	5740
	7	12	9	34	18.4096	1	22	17	3.234	-42	34	50.25	4	9011	VILLA DOLO	6113	2	WS	5985
	7	12	9	34	42.4097	1	22	17	36.067	-40	26	16.37	4	9011	VILLA DOLO	6113	5	WS	5986
	7	13	2	46	58.3207	1	1	20	52.358	39	21	45.84	4	9004	SAN FERNAN	5963	4	BZ	5293
	7	13	7	45	14.0886	1	1	5	2.390	-27	28	7.89	4	9011	VILLA DOLO	6120	4	NG	6052
	7	13	7	45	30.0882	1	1	2	54.185	-26	9	13.50	4	9011	VILLA DOLO	6120	6	NG	6053
	7	13	7	50	26.0879	1	0	32	22.738	- 1	56	2.69	4	9011	VILLA DOLO	6121	2	WS	5987
	7	13	7	50	51.0969	3	1	20	37.306	-20	43	3.57	4	9007	AREQUIPA	6502	5	LE	5704
	7	13	7	51	30.0868	1	0	27	23.214	3	0	6.18	4	9011	VILLA DOLO	6121	10	WS	5988
	7	13	7	51	47.0966	3	1	15	10.112	-16	20	51.94	4	9007	AREQUIPA	6502	12	LE	5705
	7	13	7	53	54.0827	1	0	17	29.514	13	24	37.78	4	9011	VILLA DOLO	6122	6	NG	5989
	7	13	7	54	2.0827	1	0	16	59.206	13	57	30.83	4	9011	VILLA DOLO	6122	7	NG	5990
	7	13	7	54	11.0948	3	1	2	57.363	- 4	46	46.56	4	9007	AREQUIPA	6503	3	NG	5669
	7	13	7	55	15.0937	3	0	58	14.152	0	24	31.11	4	9007	AREQUIPA	6503	11	NG	5670
	7	13	7	56	34.0834	1	0	8	4.646	23	44	56.89	4	9011	VILLA DOLO	6123	3	DM	7138
	7	13	7	56	42.0832	1	0	7	38.453	24	13	56.17	4	9011	VILLA DOLO	6123	4	DM	7139
	7	13	7	57	39.0932	3	0	48	52.706	11	52	33.66	4	9007	AREQUIPA	6504	5	NG	5667
	7	13	7	57	54.1032	1	0	38	0.861	-27	6	43.38	4	9009	CURACAO	5534	5	MW	7371
	7	13	7	58	2.1031	1	0	37	30.503	-26	33	46.29	4	9009	CURACAO	5534	6	MW	7372
	7	13	7	58	3.0926	3	0	47	27.897	13	44	6.77	4	9007	AREQUIPA	6504	8	NG	5668
	7	13	7	58	18.1034	1	0	36	30.690	-25	27	4.70	4	9009	CURACAO	5534	8	MW	7373
	7	13	8	2	19.0860	3	0	34	27.347	32	8	9.22	4	9007	AREQUIPA	6505	4	NG	5665
	7	13	8	2	26.1030	1	0	22	42.857	- 5	58	22.53	4	9009	CURACAO	5535	3	SS	5563
	7	13	8	2	50.1029	1	0	21	30.322	- 3	52	42.24	4	9009	CURACAO	5535	6	SS	5564
	7	13	8	3	15.0855	3	0	32	1.067	35	45	55.39	4	9007	AREQUIPA	6505	11	NG	5666
	7	13	8	4	50.1042	1	0	15	40.511	7	1	0.40	4	9009	CURACAO	5536	3	WS	5741
	7	13	8	4	51.0801	3	0	28	6.106	41	38	55.05	4	9007	AREQUIPA	6506	4	HB	5663
	7	13	8	5	14.1043	1	0	14	32.425	9	15	36.52	4	9009	CURACAO	5536	6	SE	5742
	7	13	8	5	47.0802	3	0	25	57.173	44	53	23.76	4	9007	AREQUIPA	6506	11	HB	5664
	7	13	8	9	30.1127	1	0	2	34.445	33	17	25.91	4	9009	CURACAO	5537	3	SE	5743
	7	13	8	10	2.1159	1	0	1	1.688	36	10	53.37	4	9009	CURACAO	5537	7	SE	5744
	7	13	8	13	14.1034	1	23	50	45.739	52	19	23.30	4	9009	CURACAO	5538	4	LE	7524
	7	13	8	13	30.1034	1	23	49	47.393	53	33	47.69	4	9009	CURACAO	5538	6	LE	7525
	7	13	8	16	18.1076	1	23	37	9.228	65	32	28.13	4	9009	CURACAO	5539	3	WS	7209
	7	13	8	16	42.1078	1	23	34	47.792	67	6	8.57	4	9009	CURACAO	5539	6	WS	5746
	7	13	8	18	42.1099	1	23	18	47.132	74	22	14.41	4	9009	CURACAO	5540	2	WS	5747

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	13	8	19	14.1114	1	23	12	33.154	76	9	45.26	4	9009	CURACAO	5540	6	WS	5748
	7	13	13	42	26.2165	1	0	22	41.614	23	37	14.67	4	9012	MAUI	6993	3	SS	6217
	7	13	13	43	6.2175	1	0	21	43.197	27	23	52.13	4	9012	MAUI	6993	8	SS	6218
	7	13	18	48	16.9694	1	0	26	45.327	-36	36	58.77	4	9003	WOOMERA	10129	2	LE	5429
	7	13	18	48	32.9692	1	0	24	41.580	-35	10	51.14	4	9003	WOOMERA	10129	6	LE	5430
	7	13	18	48	48.9688	1	0	22	42.362	-33	44	13.01	4	9003	WOOMERA	10129	10	LE	5431
	7	14	8	44	18.1043	3	0	1	13.072	-28	8	33.15	4	9007	AREQUIPA	6511	3	WS	5661
	7	14	8	44	42.1038	3	23	59	3.614	-25	56	15.61	4	9007	AREQUIPA	6511	6	WS	7195
	7	14	8	51	38.1003	3	23	29	4.063	12	23	36.92	4	9007	AREQUIPA	6512	2	CB	5659
	7	14	8	52	26.0997	3	23	26	3.160	16	23	3.25	4	9007	AREQUIPA	6512	8	CB	5660
	7	14	8	55	14.0961	3	23	15	31.127	29	8	15.77	4	9007	AREQUIPA	6513	3	CB	5657
	7	14	8	55	38.0959	3	23	13	59.131	30	48	11.99	4	9007	AREQUIPA	6513	6	CB	5658
	7	14	8	58	34.0953	3	23	2	10.393	41	54	7.30	4	9007	AREQUIPA	6514	3	MW	6616
	7	14	8	58	34.1000	1	22	43	46.308	4	52	20.73	4	9009	CURACAU	5549	4	BA	6609
	7	14	8	58	42.0955	3	23	1	36.180	42	21	49.42	4	9007	AREQUIPA	6514	4	MW	6617
	7	14	8	58	42.1001	1	22	43	9.434	5	37	11.67	4	9009	CURACAO	5549	5	BA	6610
	7	14	8	58	50.0950	3	23	1	1.457	42	49	14.09	4	9007	AREQUIPA	6514	5	MW	6618
	7	14	8	58	50.1000	1	22	42	32.163	6	22	4.65	4	9009	CURACAO	5549	6	BA	6611
	7	14	8	58	58.0951	3	23	0	26.939	43	16	27.77	4	9007	AREQUIPA	6514	6	MW	6619
	7	14	8	58	58.1004	1	22	41	54.536	7	6	56.41	4	9009	CURACAO	5549	7	BA	6612
	7	14	8	59	6.0949	3	22	59	51.598	43	43	26.39	4	9007	AREQUIPA	6514	7	MW	6620
	7	14	8	59	6.1002	1	22	41	16.779	7	51	48.22	4	9009	CURACAO	5549	8	BA	6613
	7	14	9	2	2.1012	1	22	25	47.382	24	4	36.07	4	9009	CURACAO	5550	4	VD	7374
	7	14	9	2	10.1016	1	22	24	59.963	24	47	21.43	4	9009	CURACAO	5550	5	VD	7375
	7	14	9	2	14.0998	1	1	15	35.922	- 4	18	19.61	4	9001	ORGAN PASS	7061	6	DU	6743
	7	14	9	2	26.1020	1	22	23	23.054	26	12	23.10	4	9009	CURACAO	5550	7	VD	7376
	7	14	9	2	34.1017	1	22	22	33.738	26	54	37.18	4	9009	CURACAO	5550	8	VD	7377
	7	14	9	5	6.0972	1	1	17	43.143	6	27	40.30	4	9001	ORGAN PASS	7062	3	LD	7148
	7	14	9	5	18.0977	1	1	17	57.995	7	15	39.89	4	9001	ORGAN PASS	7062	6	LD	7149
	7	14	9	6	2.1032	1	21	56	54.553	43	45	44.10	4	9009	CURACAO	5551	6	VD	7632
	7	14	9	6	18.1032	1	21	54	30.559	44	55	37.80	4	9009	CURACAO	5551	8	VD	7379
	7	14	9	8	46.0959	10	1	25	6.269	22	3	26.18	4	9001	ORGAN PASS	7063	3	DM	7142
	7	14	9	9	6.0996	10	1	26	7.456	23	33	33.95	4	9001	ORGAN PASS	7063	8	DM	7143
	7	14	9	9	22.1061	1	21	20	3.462	56	50	40.54	4	9009	CURACAO	5552	5	MW	7380
	7	14	9	9	38.1061	1	21	16	19.224	57	44	53.81	4	9009	CURACAO	5552	7	MW	7381
	7	14	9	12	2.1137	1	1	38	50.426	37	6	17.35	4	9001	ORGAN PASS	7064	3	NG	5299
	7	14	9	12	18.1155	1	1	40	24.748	38	20	51.86	4	9001	ORGAN PASS	7064	7	NG	5863
	7	14	9	15	54.1023	1	2	12	58.206	54	35	45.90	4	9001	ORGAN PASS	7065	4	SE	5301
	7	14	9	16	10.1028	1	2	16	33.981	55	43	28.99	4	9001	ORGAN PASS	7065	8	SE	5864
	7	14	14	34	19.2264	1	22	56	51.575	11	44	55.83	4	9012	MAUI	7009	3	SS	6219
	7	14	14	34	43.2264	1	22	54	51.748	14	1	58.49	4	9012	MAUI	7009	6	SS	6220
	7	14	19	42	18.4992	1	22	46	39.746	-36	36	52.35	4	9003	WOOMERA	10138	3	CB	5432
	7	14	19	42	30.4990	1	22	46	26.091	-35	29	56.57	4	9003	WOOMERA	10138	6	CB	5433
	7	15	4	1	29.3714	1	21	23	5.341	-30	13	43.10	4	9002	OLIFANTS	8242	6	SE	5347
	7	15	4	2	1.3712	1	21	24	45.689	-27	52	24.73	4	9002	OLIFANTS	8242	10	SE	7653

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	15	6	47	30.0963	1	1	53	36.323	-22	38	24.35	4	9011	VILLA DOLO	6131 3	NG	5991
	7	15	6	48	2.0951	1	1	49	35.293	-20	31	2.77	4	9011	VILLA DOLO	6131 5	NG	5992
	7	15	6	56	34.0836	1	1	5	26.202	13	16	16.26	4	9011	VILLA DOLO	6132 5	LE	7213
	7	15	7	0	13.9566	3	1	34	56.638	10	58	58.70	4	9007	AREQUIPA	6522 4	LD	7150
	7	15	7	0	45.9579	3	1	33	37.108	13	3	3.13	4	9007	AREQUIPA	6522 6	LD	7151
	7	15	7	3	36.5294	3	1	27	52.074	23	47	24.46	4	9007	AREQUIPA	6523 3	AA	5656
	7	15	9	31	17.6019	1	22	12	22.226	-38	46	1.95	4	9011	VILLA DOLO	6139 4	NG	5993
	7	15	9	32	5.6004	1	22	13	35.786	-34	31	54.47	4	9011	VILLA DOLO	6139 10	NG	5994
	7	15	9	38	47.9385	3	22	22	28.812	-24	20	32.99	4	9007	AREQUIPA	6527 2	SE	5689
	7	15	9	39	27.9381	3	22	21	34.773	-20	45	53.11	4	9007	AREQUIPA	6527 7	SE	5690
	7	16	7	40	43.4804	1	1	8	7.541	-32	29	53.88	4	9011	VILLA DOLO	6146 4	NG	5995
	7	16	7	49	24.6649	3	1	4	42.188	-10	41	46.49	4	9007	AREQUIPA	6533 2	FI	7206
	7	16	7	50	12.6649	3	1	0	43.834	- 6	43	20.25	4	9007	AREQUIPA	6533 8	FI	7207
	7	16	8	10	31.7608	1	0	46	33.163	32	38	59.64	4	9010	JUPITER	7006 4	LE	6204
	7	16	8	10	39.7608	1	0	46	40.195	33	23	1.08	4	9010	JUPITER	7006 5	LE	6205
	7	16	18	44	35.5407	3	0	20	8.560	-37	26	26.95	4	9003	WOOMERA	10153 3	CB	5434
	7	16	18	44	47.5405	3	0	18	40.023	-36	20	58.85	4	9003	WOOMERA	10153 6	CB	5435
	7	17	3	35	49.0621	1	23	57	11.985	37	40	35.05	4	9004	SAN FERNAN	6031 2	BZ	5285
	7	17	3	35	57.0622	1	23	56	56.174	38	28	6.50	4	9004	SAN FERNAN	6031 4	BZ	5286
	7	17	8	35	7.1084	1	23	34	42.403	-33	54	19.00	4	9011	VILLA DOLO	6163 4	NG	5996
	7	17	8	42	8.7092	3	23	46	23.297	-20	9	24.99	4	9007	AREQUIPA	6541 3	SE	5691
	7	17	8	42	40.7082	3	23	43	58.464	-17	6	42.54	4	9007	AREQUIPA	6541 7	SE	5692
	7	17	9	1	52.4088	1	23	22	14.800	19	40	55.68	4	9010	JUPITER	7024 4	LE	6206
	7	17	9	2	32.4099	1	23	19	14.259	23	35	31.51	4	9010	JUPITER	7024 9	LE	6207
	7	17	9	7	28.5883	1	1	32	37.251	33	32	27.47	4	9001	ORGAN PASS	7129 3	SE	5302
	7	17	9	7	36.5873	1	1	33	15.004	34	10	34.87	4	9001	ORGAN PASS	7129 5	SE	5303
	7	18	9	35	27.7392	3	22	16	44.746	-22	29	31.25	4	9007	AREQUIPA	6552 3	SE	5693
	7	18	9	35	35.7397	3	22	16	36.540	-21	47	13.87	4	9007	AREQUIPA	6552 4	SE	7208
	7	18	10	0	12.3130	1	0	25	17.151	33	6	50.73	4	9001	ORGAN PASS	7143 4	LE	5304
	7	18	10	0	24.3072	1	0	25	14.653	34	15	57.27	4	9001	ORGAN PASS	7143 7	LE	5865
	7	19	7	37	42.1685	1	0	58	2.456	-30	7	23.27	4	9011	VILLA DOLO	6195 5	WS	5997
	7	19	7	37	50.1682	1	0	56	57.449	-29	26	25.38	4	9011	VILLA DOLO	6195 6	WS	5998
	7	19	7	45	10.7353	3	1	3	42.137	-14	5	49.85	4	9007	AREQUIPA	6563 2	FI	5695
	7	19	7	45	34.7348	3	1	1	33.949	-12	4	47.24	4	9007	AREQUIPA	6563 5	FI	5696
	7	19	7	58	38.6311	1	23	59	22.330	13	9	39.43	4	9009	CURACAO	5571 4	WS	5749
	7	19	7	58	54.6318	1	23	58	27.714	14	42	31.01	4	9009	CURACAO	5571 6	WS	5750
	7	19	8	6	45.6410	1	0	41	6.154	32	27	43.21	4	9010	JUPITER	7030 4	LE	6208
	7	19	8	7	25.6435	1	0	41	22.296	36	11	47.03	4	9010	JUPITER	7030 9	LE	6209
	7	19	13	35	59.7052	1	0	7	51.178	28	56	6.60	4	9012	MAUI	7093 3	SS	6221
	7	20	9	4	25.9179	1	1	33	38.292	37	10	58.42	4	9001	ORGAN PASS	7156 3	SS	5305
	7	20	9	4	33.9173	1	1	34	19.447	37	50	11.55	4	9001	ORGAN PASS	7156 5	SS	5306
	7	20	19	34	41.6087	3	22	34	0.513	-37	53	15.95	4	9003	WOOMERA	10188 3	MJ	5373
	7	20	19	35	1.6084	3	22	34	4.876	-36	3	59.16	4	9003	WOOMERA	10188 8	MJ	5374
	7	21	6	48	34.1245	3	1	47	57.901	- 6	46	14.36	4	9007	AREQUIPA	6588 3	FI	5697
	7	21	6	49	6.1246	3	1	45	46.582	- 4	35	10.67	4	9007	AREQUIPA	6588 7	FI	5698

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	21	6	49	30.1249	3	1	44	12.051	- 2	56	27.11	4	9007	AREQUIPA	6588	10	FI	5699
	7	21	9	23	15.1053	1	22	0	30.069	-41	38	0.25	4	9011	VILLA DOLO	6216	3	PB	6054
	7	21	9	23	55.1053	1	22	2	33.201	-38	13	44.16	4	9011	VILLA DOLO	6216	8	PB	6055
	7	21	9	56	24.4463	1	0	19	19.696	32	35	17.14	4	9001	ORGAN PASS	7173	3	SS	5307
	7	21	12	38	30.4086	1	1	20	54.360	25	36	46.77	4	9012	MAUI	7117	3	SS	7659
	7	21	12	38	46.4225	1	1	21	17.058	26	56	46.01	4	9012	MAUI	7117	7	SS	6222
	7	22	2	36	4.3207	1	1	11	17.743	41	53	42.59	4	9004	SAN FERNAN	6085	3	BZ	5287
	7	22	7	34	5.2065	1	0	52	41.513	-30	40	22.21	4	9011	VILLA DOLO	6224	4	NG	6056
	7	22	7	34	13.2064	1	0	51	38.026	-29	58	34.80	4	9011	VILLA DOLO	6224	5	NG	6057
	7	22	7	42	13.6461	3	0	55	30.674	-11	1	16.79	4	9007	AREQUIPA	6602	4	NQ	7245
	7	22	7	42	29.6453	3	0	54	8.881	- 9	38	10.01	4	9007	AREQUIPA	6602	6	NQ	6088
	7	22	10	48	30.9515	1	22	54	40.744	21	51	43.89	4	9001	ORGAN PASS	7181	4	SS	5308
	7	22	10	48	38.9508	1	22	53	52.901	22	37	20.38	4	9001	ORGAN PASS	7181	6	SS	5309
	7	23	0	35	42.1281	3	22	29	24.760	9	42	46.17	4	9008	SHIRAZ	8749	4	SE	5638
	7	23	0	35	54.1282	3	22	28	15.356	10	45	21.04	4	9008	SHIRAZ	8749	7	SE	5639
	7	23	8	27	8.1566	1	23	22	42.023	-38	4	21.51	4	9011	VILLA DOLO	6237	2	NG	6058
	7	23	8	27	32.1562	1	23	21	25.942	-35	47	48.75	4	9011	VILLA DOLO	6237	5	NG	6059
	7	23	8	48	21.3598	1	22	22	31.332	8	0	37.69	4	9009	CURACAO	5627	3	WS	5751
	7	23	8	48	45.3598	1	22	20	32.293	10	9	20.51	4	9009	CURACAO	5627	6	WS	5752
	7	23	9	0	4.0034	1	1	27	59.371	34	21	27.21	4	9001	ORGAN PASS	7198	3	SS	5310
	7	23	9	0	19.9991	1	1	29	7.816	35	41	37.20	4	9001	ORGAN PASS	7198	4	SS	5311
	7	23	16	47	5.0926	3	2	3	45.227	-21	10	15.54	4	9003	WOOMERA	10221	3	MJ	5371
	7	23	16	47	17.0925	3	2	2	18.072	-20	23	45.67	4	9003	WOOMERA	10221	6	MJ	5372
	7	23	19	31	28.0413	3	22	28	26.231	-35	16	22.39	4	9003	WOOMERA	10225	4	PB	5369
	7	23	19	32	0.0407	3	22	28	46.139	-32	23	48.54	4	9003	WOOMERA	10225	12	PB	5862
	7	24	6	35	41.2126	1	1	58	1.030	-28	32	25.86	4	9011	VILLA DOLO	6248	2	WS	6060
	7	24	6	36	37.2111	1	1	50	2.952	-24	36	13.43	4	9011	VILLA DOLO	6248	9	WS	6061
	7	24	6	44	48.8229	3	1	47	25.689	- 7	34	15.12	4	9007	AREQUIPA	6625	5	LE	5700
	7	24	6	45	28.8220	3	1	44	36.291	- 4	46	14.09	4	9007	AREQUIPA	6625	10	LE	5701
	7	24	9	19	42.8539	1	21	56	29.422	-40	29	46.99	4	9011	VILLA DOLO	6253	3	WS	6062
	7	24	9	20	22.8532	1	21	58	46.397	-37	9	3.24	4	9011	VILLA DOLO	6253	8	WS	6063
	7	24	9	27	33.8257	3	22	7	31.971	-25	6	54.76	4	9007	AREQUIPA	6629	3	LE	5702
	7	24	9	28	21.8249	3	22	7	17.442	-21	2	19.65	4	9007	AREQUIPA	6629	9	LE	5703
	7	24	17	40	42.6028	3	1	18	56.559	-28	51	19.05	4	9003	WOOMERA	10239	3	HB	5367
	7	24	17	40	54.6026	3	1	17	16.729	-27	52	33.26	4	9003	WOOMERA	10239	6	HB	5368
	7	24	20	22	22.0865	3	21	17	28.478	-42	39	7.78	4	9003	WOOMERA	10245	3	HB	5365
	7	24	20	22	42.0864	3	21	19	39.119	-41	12	0.22	4	9003	WOOMERA	10245	8	HB	5366
	7	24	23	41	14.8361	3	23	32	43.480	29	21	33.25	4	9008	SHIRAZ	8791	4	SS	5640
	7	25	7	30	48.6627	1	0	44	20.927	-29	21	43.01	4	9011	VILLA DOLO	6265	6	WS	6064
	7	25	7	31	4.6627	1	0	42	24.247	-27	56	11.27	4	9011	VILLA DOLO	6265	8	WS	6065
	7	25	7	38	16.7650	3	0	52	9.226	-13	2	16.32	4	9007	AREQUIPA	6643	4	HB	5542
	7	25	7	38	40.7644	3	0	50	3.617	-10	55	18.92	4	9007	AREQUIPA	6643	7	HB	5543
	7	25	7	58	48.1357	1	0	29	35.277	29	28	20.89	4	9010	JUPITER	7121	3	LE	6210
	7	25	7	59	4.1386	1	0	29	20.200	31	0	49.71	4	9010	JUPITER	7121	5	LE	6211
	7	25	16	21	45.2314	3	1	33	1.685	36	6	23.12	4	9005	TOKYO	6112	6	NG	5634

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	7	25	16	22	33.2315	3	1	37	27.948	40	5	15.69	4	9005	TOKYO	6112	12	NG	5635
	7	25	18	34	33.4309	3	23	52	45.629	-33	38	34.24	4	9003	WOOMERA	10253	7	HB	5363
	7	25	18	34	53.4305	3	23	51	6.518	-31	44	42.03	4	9003	WOOMERA	10253	12	HB	5364
	7	25	21	54	3.0576	3	2	6	18.357	41	41	30.09	4	9008	SHIRAZ	8803	15	SS	5641
	7	26	0	34	19.1039	3	22	9	52.335	21	11	49.30	4	9008	SHIRAZ	8807	5	SS	5642
	7	26	0	34	27.1040	3	22	8	52.438	21	53	31.84	4	9008	SHIRAZ	8807	7	SS	5643
	7	26	3	23	59.2585	1	23	39	8.347	32	45	53.21	4	9004	SAN FERNAN	6121	4	BZ	5280
	7	26	3	24	29.5517	1	23	37	3.332	35	47	35.88	4	9004	SAN FERNAN	6121	9	BZ	5281
	7	26	3	24	53.5513	1	23	35	18.005	38	11	51.37	4	9004	SAN FERNAN	6121	12	BZ	5282
	7	26	6	1	58.3032	1	1	54	29.999	19	8	51.64	4	9009	CURACAO	5657	4	SS	5565
	7	26	6	2	14.3031	1	1	54	49.235	20	15	50.18	4	9009	CURACAO	5657	6	SS	5566
	7	26	8	43	1.0785	1	22	25	2.468	- 1	13	39.94	4	9009	CURACAO	5659	4	FI	5753
	7	26	8	43	9.0789	1	22	24	27.756	- 0	31	33.58	4	9009	CURACAO	5659	5	FI	5754
	7	26	8	50	12.6516	1	23	6	9.518	14	54	31.61	4	9010	JUPITER	7137	3	SS	6212
	7	26	8	50	28.6517	1	23	4	45.969	16	25	59.96	4	9010	JUPITER	7137	5	SS	6213
	7	26	14	20	19.3244	1	22	29	8.239	13	46	30.91	4	9012	MAUI	7164	3	WS	6223
	7	26	14	20	39.3231	1	22	27	9.605	15	35	26.01	4	9012	MAUI	7164	8	WS	6224
	7	26	16	44	16.0597	1	1	57	23.607	-18	32	0.50	4	9003	WOOMERA	10263	7	HB	5361
	7	26	16	44	24.0596	1	1	56	28.359	-17	59	48.25	4	9003	WOOMERA	10263	9	HB	5362
	7	26	17	14	38.6188	3	0	20	39.399	36	18	22.02	4	9005	TOKYO	6132	7	HB	5632
	7	26	17	14	46.6190	3	0	20	33.805	37	5	38.06	4	9005	TOKYO	6132	8	HB	5633
	7	26	19	27	7.7760	1	22	22	13.400	-38	34	18.33	4	9003	WOOMERA	10269	4	HB	5359
	7	26	19	27	23.7760	1	22	22	37.699	-37	9	17.67	4	9003	WOOMERA	10269	8	HB	5360
	7	27	6	41	26.5845	1	1	44	52.199	- 6	44	32.80	4	9007	AREQUIPA	6656	2	HB	5544
	7	27	6	41	34.5848	1	1	44	17.362	- 6	10	0.02	4	9007	AREQUIPA	6656	3	HB	5545
	7	27	9	23	14.9629	1	22	3	9.350	-28	6	25.91	4	9007	AREQUIPA	6661	2	HB	5546
	7	27	9	23	38.9626	1	22	3	16.217	-26	6	40.65	4	9007	AREQUIPA	6661	5	HB	5547
	7	27	9	39	39.0328	1	22	16	20.301	- 8	54	20.43	4	9010	JUPITER	7153	5	SS	6214
	7	27	9	40	3.0336	1	22	14	35.525	- 7	8	55.33	4	9010	JUPITER	7153	8	SS	6215
	7	27	9	49	0.6608	1	0	6	28.695	32	32	0.35	4	9001	ORGAN PASS	7218	4	SS	5312
	7	27	9	49	12.6608	1	0	6	1.650	33	43	34.78	4	9001	ORGAN PASS	7218	7	SS	5313
	7	27	12	30	16.1292	1	1	13	19.289	21	40	50.67	4	9012	MAUI	7175	3	AA	7210
	7	27	17	36	56.1698	1	1	15	45.578	-30	14	45.05	4	9003	WOOMERA	10275	4	CB	5357
	7	27	17	37	28.1699	1	1	11	22.109	-27	34	28.57	4	9003	WOOMERA	10275	12	CB	5358
	7	27	23	37	36.5800	3	23	25	19.692	29	20	5.61	4	9008	SHIRAZ	8834	3	SS	5644
	7	27	23	37	48.5802	3	23	24	17.918	30	31	38.34	4	9008	SHIRAZ	8834	6	SS	5645
	7	28	7	34	14.1769	1	0	48	55.853	-15	36	0.65	4	9007	AREQUIPA	6667	5	SS	5619
	7	28	7	34	54.1762	1	0	45	22.974	-12	0	52.50	4	9007	AREQUIPA	6667	10	SS	5620
	7	28	7	47	49.9088	1	23	37	26.081	13	35	48.02	4	9009	CURACAO	5672	4	NQ	5671
	7	28	7	48	5.9089	1	23	36	17.650	15	10	1.81	4	9009	CURACAO	5672	6	NQ	5672
	7	28	13	22	54.1233	10	23	53	20.291	16	27	47.44	4	9012	MAUI	7192	3	HB	6225
	7	28	13	23	10.1233	10	23	52	22.691	18	2	25.50	4	9012	MAUI	7192	5	HB	6226
	7	28	16	18	17.8533	3	1	31	39.958	37	49	47.84	4	9005	TOKYO	6138	3	NG	5656
	7	28	16	18	33.8542	3	1	33	3.060	39	11	23.59	4	9005	TOKYO	6138	5	NG	5631
	7	28	18	31	9.3536	1	23	44	25.128	-32	27	56.46	4	9003	WOOMERA	10284	5	CB	5355

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	28	18	31	17.3535	1	23	43	50.749	-31	42	9.56	4	9003	WOOMERA	10284 7	CB	5356
	7	28	21	48	38.7189	3	1	54	31.190	34	37	40.77	4	9008	SHIRAZ	8845 4	SS	5646
	7	29	3	20	32.3745	1	23	31	15.507	33	57	59.49	4	9004	SAN FERNAN	6145 5	BZ	5290
	7	29	8	26	27.3206	1	23	21	14.647	-27	11	23.32	4	9007	AREQUIPA	6677 3	WS	7202
	7	29	8	26	59.3202	1	23	19	25.794	-24	9	46.08	4	9007	AREQUIPA	6677 7	WS	5721
	7	29	8	27	31.3197	1	23	17	38.998	-21	7	3.54	4	9007	AREQUIPA	6677 11	WS	5722
	7	29	8	40	4.2400	1	22	17	3.648	2	15	20.76	4	9009	CURACAO	5683 5	EB	7612
	7	29	8	40	12.2400	1	22	16	27.620	2	56	46.38	4	9009	CURACAO	5683 6	EB	5980
	7	29	8	48	5.8947	1	22	50	54.281	23	25	28.00	4	9010	JUPITER	7175 3	BZ	6033
	7	29	8	48	21.8954	1	22	49	10.419	24	57	1.96	4	9010	JUPITER	7175 5	BZ	6034
	7	29	8	52	11.7597	1	1	20	10.499	32	45	25.57	4	9001	ORGAN PASS	7230 3	HB	5314
	7	29	8	52	43.7596	1	1	21	56.611	35	33	12.54	4	9001	ORGAN PASS	7230 7	HB	5315
	7	29	17	10	6.7063	3	0	15	24.991	31	24	21.55	4	9005	TOKYO	6153 2	CB	5628
	7	29	17	10	46.7071	3	0	14	26.081	35	21	41.78	4	9005	TOKYO	6153 7	CB	5629
	7	29	22	41	18.2939	3	0	50	41.460	34	59	52.17	4	9008	SHIRAZ	8863 4	SS	5647
	7	29	22	41	30.2942	3	0	50	51.140	36	7	52.39	4	9008	SHIRAZ	8863 7	SS	5648
	7	30	0	48	36.2542	1	3	55	30.242	-70	12	54.10	4	9002	OLIFANTS	8455 4	SE	5348
	7	30	0	50	34.4254	1	2	54	35.923	-65	48	42.99	4	9002	OLIFANTS	8455 12	SE	5349
	7	30	0	50	58.4257	1	2	44	21.355	-64	41	19.35	4	9002	OLIFANTS	8455 15	SE	5350
	7	30	1	31	21.0529	1	1	55	5.155	37	10	42.48	4	9004	SAN FERNAN	6157 2	BZ	5291
	7	30	1	33	3.9689	1	2	8	39.129	45	4	9.37	4	9004	SAN FERNAN	6157 10	BZ	5292
	7	30	6	30	8.3245	1	1	39	37.843	-22	26	52.28	4	9011	VILLA DOLO	6280 5	HB	7218
	7	30	6	30	32.3244	1	1	36	36.481	-20	37	31.52	4	9011	VILLA DOLO	6280 8	HB	6066
	7	30	6	58	45.9301	1	1	33	34.289	31	40	29.13	4	9010	JUPITER	7187 1	BZ	6035
	7	30	6	58	53.9326	1	1	33	59.325	32	20	35.49	4	9010	JUPITER	7187 2	BZ	6036
	7	30	9	12	42.8303	1	21	50	31.279	-37	49	49.80	4	9011	VILLA DOLO	6284 7	CB	6067
	7	30	9	12	58.8300	1	21	51	35.984	-36	32	37.37	4	9011	VILLA DOLO	6284 9	CB	6068
	7	30	9	45	12.4122	1	23	59	57.804	31	47	22.38	4	9001	ORGAN PASS	7238 3	CB	7651
	7	30	9	45	28.4121	1	23	59	10.959	33	23	20.27	4	9001	ORGAN PASS	7238 7	CB	5337
	7	30	12	26	28.4922	1	1	9	21.864	21	17	14.23	4	9012	MAUI	7195 3	HB	7211
	7	30	12	26	44.4919	1	1	9	23.773	22	42	24.53	4	9012	MAUI	7195 7	HB	6227
	7	30	15	22	32.1891	3	2	17	58.931	38	56	7.96	4	9005	TOKYO	6170 4	CB	5626
	7	30	15	23	52.1901	3	2	30	21.922	44	23	54.25	4	9005	TOKYO	6170 9	CB	7655
	7	30	17	33	38.3015	1	1	8	10.797	-29	12	27.78	4	9003	WOOMERA	10313 3	AA	5353
	7	30	17	34	2.3012	1	1	5	2.283	-27	9	3.71	4	9003	WOOMERA	10313 9	AA	5354
	7	30	18	3	12.0975	3	22	49	19.033	25	43	18.54	4	9005	TOKYO	6173 6	SS	5623
	7	30	18	5	41.4316	3	22	28	37.075	39	47	9.19	4	9005	TOKYO	6173 10	SS	5624
	7	30	18	6	5.4316	3	22	24	28.292	41	59	44.38	4	9005	TOKYO	6173 13	SS	5625
	7	31	2	24	14.8502	1	0	54	23.535	39	7	31.99	4	9004	SAN FERNAN	6167 3	BZ	5294
	7	31	2	24	30.8503	1	0	54	58.781	40	38	33.79	4	9004	SAN FERNAN	6167 5	BZ	5295
	7	31	7	22	18.7628	1	0	41	13.490	-37	3	16.25	4	9011	VILLA DOLO	6291 4	PB	6231
	7	31	7	31	12.0243	1	0	39	56.653	-12	42	31.28	4	9007	AREQUIPA	6694 10	SS	5618
	7	31	7	41	35.7876	1	23	41	3.707	- 1	39	12.41	4	9009	CURACAO	5695 3	NQ	7518
	7	31	7	42	7.7884	1	23	38	53.011	1	24	20.77	4	9009	CURACAO	5695 7	NQ	7519
	7	31	7	51	37.8072	1	0	16	13.889	30	47	14.67	4	9010	JUPITER	7192 2	BZ	6037

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	31	7	51	53.8091	1	0	15	39.217	32	22	6.96	4	9010	JUPITER	7192	4	BZ	6038
	7	31	10	38	15.9773	1	22	32	17.452	24	41	13.12	4	9001	ORGAN PASS	7246	9	CB	5334
	7	31	10	38	27.9773	1	22	30	46.355	25	47	18.13	4	9001	ORGAN PASS	7246	12	CB	5335
	7	31	16	14	52.8607	3	1	29	57.334	39	49	5.16	4	9005	TOKYO	6185	2	SS	5621
	7	31	16	15	24.8621	3	1	32	49.870	42	35	54.22	4	9005	TOKYO	6185	4	SS	5622
	8	1	0	26	53.7872	3	22	2	8.740	19	33	40.28	4	9008	SHIRAZ	8883	6	PK	4843
	8	1	0	27	9.7872	3	22	0	7.722	20	53	53.01	4	9008	SHIRAZ	8883	10	PK	4844
	8	1	5	55	13.1668	1	1	53	21.801	22	21	34.84	4	9009	CURACAO	5706	5	PL	4941
	8	1	5	55	36.3095	1	1	53	51.085	24	3	54.51	4	9009	CURACAO	5706	8	PL	4942
	8	1	8	23	32.3910	1	23	11	40.239	-23	3	23.68	4	9007	AREQUIPA	6712	7	LD	4767
	8	1	8	23	40.3906	1	23	11	16.602	-22	17	58.29	4	9007	AREQUIPA	6712	8	LD	4768
	8	1	8	36	30.1404	1	22	12	13.016	2	27	31.18	4	9009	CURACAO	5708	3	PL	4943
	8	1	8	36	41.6781	1	22	11	21.576	3	26	9.43	4	9009	CURACAO	5708	6	PL	4944
	8	1	16	36	8.5054	1	2	1	44.778	-23	15	11.56	4	9003	WOOMERA	10334	5	GL	4721
	8	1	16	36	24.5051	1	1	59	41.197	-22	8	19.46	4	9003	WOOMERA	10334	9	GL	5900
	8	1	17	7	18.6957	3	0	7	16.359	36	43	39.41	4	9005	TOKYO	6199	4	LT	6861
	8	1	17	7	58.6963	3	0	5	41.158	40	44	19.45	4	9005	TOKYO	6199	9	LT	6862
	8	2	0	44	36.4359	1	4	7	16.681	-72	15	29.32	4	9002	OLIFANTS	8514	3	PL	4565
	8	2	0	45	24.4361	1	3	36	54.758	-70	50	45.17	4	9002	OLIFANTS	8514	9	PL	4566
	8	2	0	46	22.8876	1	3	4	35.357	-68	38	32.29	4	9002	OLIFANTS	8514	15	PL	4567
	8	2	0	47	26.8879	1	2	34	58.622	-65	40	52.70	4	9002	OLIFANTS	8514	23	PL	4568
	8	2	0	47	50.8881	1	2	25	18.085	-64	26	17.86	4	9002	OLIFANTS	8514	26	PL	4569
	8	2	6	25	40.1598	1	1	43	43.701	-26	55	47.54	4	9011	VILLA DOLO	6311	3	MY	4877
	8	2	6	26	12.1593	1	1	39	19.734	-24	28	10.33	4	9011	VILLA DOLO	6311	7	MY	4878
	8	2	6	54	20.7114	1	1	28	38.087	28	23	42.24	4	9010	JUPITER	7210	2	YK	4863
	8	2	6	54	36.7104	1	1	29	16.018	29	45	29.68	4	9010	JUPITER	7210	4	YK	4864
	8	2	9	37	15.3156	1	21	44	51.477	12	56	18.15	4	9010	JUPITER	7214	3	PK	5904
	8	2	9	37	39.3156	1	21	42	14.213	14	45	24.29	4	9010	JUPITER	7214	6	PK	4846
	8	2	12	23	23.7575	1	1	4	54.164	24	44	31.74	4	9012	MAUI	7210	3	MY	5498
	8	2	12	24	3.7566	1	1	4	54.784	28	23	21.72	4	9012	MAUI	7210	8	MY	6446
	8	2	15	18	25.0817	3	2	14	57.615	37	47	40.59	4	9005	TOKYO	6212	8	LT	6863
	8	2	15	18	57.0806	3	2	19	15.214	40	3	17.63	4	9005	TOKYO	6212	10	LT	6864
	8	2	17	30	6.5172	1	1	2	10.005	-29	16	46.75	4	9003	WOOMERA	10336	4	PK	4715
	8	2	17	30	26.5166	1	0	59	37.355	-27	31	40.41	4	9003	WOOMERA	10336	9	PK	4716
	8	2	18	0	2.7864	3	22	39	48.369	28	7	59.76	4	9005	TOKYO	6219	7	MY	6865
	8	2	18	0	42.7865	3	22	34	22.101	31	51	57.89	4	9005	TOKYO	6219	12	MY	6866
	8	2	20	11	24.2352	1	21	14	26.123	-40	29	4.53	4	9003	WOOMERA	10344	4	GL	4722
	8	2	20	11	32.2352	1	21	15	21.147	-39	56	24.43	4	9003	WOOMERA	10344	6	GL	4723
	8	2	23	28	45.8287	3	23	19	25.316	19	51	45.96	4	9008	SHIRAZ	8907	3	PK	5016
	8	2	23	30	42.9828	3	23	8	6.265	31	20	40.66	4	9008	SHIRAZ	8907	14	PK	5017
	8	3	7	18	46.4906	1	0	33	28.089	-37	1	29.88	4	9011	VILLA DOLO	6327	3	PG	5413
	8	3	7	19	26.4900	1	0	28	45.436	-33	20	10.47	4	9011	VILLA DOLO	6327	8	PG	5414
	8	3	7	38	55.6750	1	23	30	1.157	3	48	53.68	4	9009	CURACAO	5721	4	PK	5010
	8	3	7	39	11.6750	1	23	28	51.483	5	22	12.58	4	9009	CURACAO	5721	6	PK	5011
	8	3	7	47	26.8616	1	0	10	32.314	27	48	45.78	4	9010	JUPITER	7218	3	PK	4847

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	3	7	47	42.8632	1	0	9	48.724	29	24	11.57	4	9010	JUPITER	7218	5	PK	4848
	8	3	7	53	1.2683	1	2	10	25.691	36	45	16.29	4	9001	ORGAN PASS	7265	3	PK	4533
	8	3	7	53	25.2683	1	2	13	11.110	38	30	10.77	4	9001	ORGAN PASS	7265	9	PK	4534
	8	3	10	33	40.0813	1	22	33	47.281	19	5	27.96	4	9001	ORGAN PASS	7268	2	BA	4629
	8	3	10	34	32.2151	1	22	27	28.121	23	47	44.61	4	9001	ORGAN PASS	7268	12	BA	4630
	8	3	10	34	48.2154	1	22	25	23.678	25	14	25.35	4	9001	ORGAN PASS	7268	16	BA	4631
	8	3	13	15	46.5018	1	23	38	32.204	17	17	53.18	4	9012	MAUI	7221	3	RO	5499
	8	3	13	16	50.5002	1	23	33	39.046	23	38	57.86	4	9012	MAUI	7221	11	RO	5500
	8	3	16	11	1.6358	3	1	25	35.101	39	31	25.82	4	9005	TOKYO	6232	6	MY	6867
	8	3	16	11	25.6362	3	1	27	27.302	41	39	28.56	4	9005	TOKYO	6232	9	MY	6868
	8	3	18	23	12.7959	3	23	32	21.924	-36	23	54.08	4	9003	WOOMERA	10353	4	GL	4724
	8	3	18	23	32.7958	3	23	31	17.094	-34	29	25.97	4	9003	WOOMERA	10353	9	GL	4725
	8	4	0	23	35.3166	3	21	55	49.163	20	43	50.95	4	9008	SHIRAZ	8920	5	PK	5014
	8	4	0	23	55.3169	3	21	53	11.218	22	21	38.35	4	9008	SHIRAZ	8920	10	PK	5015
	8	4	3	13	17.4698	1	23	16	40.666	34	2	52.87	4	9004	SAN FERNAN	6219	4	GL	4830
	8	4	3	13	29.4697	1	23	15	23.824	35	14	19.76	4	9004	SAN FERNAN	6219	7	GL	4831
	8	4	5	28	53.7097	1	2	15	0.747	-18	20	39.79	4	9011	VILLA DOLO	6335	4	RO	4802
	8	4	5	59	17.5855	1	2	16	57.870	33	53	10.00	4	9010	JUPITER	7227	2	YK	4865
	8	4	5	59	25.5856	1	2	17	43.243	34	26	14.20	4	9010	JUPITER	7227	3	YK	4866
	8	4	8	13	1.6727	1	22	54	27.042	-34	53	5.05	4	9011	VILLA DOLO	6337	4	PG	4879
	8	4	8	13	25.6723	1	22	54	16.012	-32	39	34.94	4	9011	VILLA DOLO	6337	10	PG	4880
	8	4	8	19	36.8443	1	23	5	31.741	-24	35	45.53	4	9007	AREQUIPA	6755	3	YK	4792
	8	4	8	20	0.8435	1	23	4	30.528	-22	20	27.75	4	9007	AREQUIPA	6755	6	YK	4793
	8	4	8	32	13.1061	1	22	10	50.137	- 0	54	32.63	4	9009	CURACAO	5733	3	PL	4945
	8	4	8	32	29.1061	1	22	9	43.459	0	25	4.53	4	9009	CURACAO	5733	5	PL	4946
	8	4	8	39	50.7234	1	22	44	37.577	17	19	23.55	4	9010	JUPITER	7230	2	YK	4867
	8	4	8	40	22.7267	1	22	41	11.215	20	17	36.79	4	9010	JUPITER	7230	6	YK	5410
	8	4	11	27	22.7836	1	1	59	37.267	27	34	10.56	4	9012	MAUI	7227	8	DM	5527
	8	4	11	27	30.7836	1	2	0	1.212	28	9	54.08	4	9012	MAUI	7227	10	DM	5528
	8	4	14	9	15.7871	1	22	14	41.382	12	3	22.39	4	9012	MAUI	7229	4	VD	5501
	8	4	14	9	39.7864	1	22	12	17.046	14	6	57.01	4	9012	MAUI	7229	7	VD	5502
	8	4	16	32	41.5442	3	1	58	51.488	-23	7	52.99	4	9003	WOOMERA	10371	3	PK	4713
	8	4	16	32	57.5440	3	1	56	47.797	-21	59	2.43	4	9003	WOOMERA	10371	7	PK	4714
	8	4	17	3	19.4714	3	0	1	7.675	34	53	46.64	4	9005	TOKYO	6246	5	DM	6869
	8	4	17	3	51.4723	3	23	59	28.193	38	7	11.05	4	9005	TOKYO	6246	9	DM	6870
	8	4	22	33	9.9170	3	0	38	53.408	31	4	27.06	4	9008	SHIRAZ	8927	2	HC	5905
	8	4	22	33	41.9185	3	0	38	34.196	34	11	23.22	4	9008	SHIRAZ	8927	6	HC	7614
	8	5	6	22	16.1725	1	1	38	42.545	-26	32	13.52	4	9011	VILLA DOLO	6352	2	PG	4881
	8	5	6	22	48.1716	1	1	34	23.699	-24	0	17.13	4	9011	VILLA DOLO	6352	6	PG	4882
	8	5	6	30	18.8455	1	1	39	29.303	- 8	38	53.63	4	9007	AREQUIPA	6763	7	MY	4777
	8	5	6	30	42.8451	1	1	37	35.478	- 6	46	51.49	4	9007	AREQUIPA	6763	10	MY	4778
	8	5	6	42	40.8047	1	0	50	58.477	11	47	41.01	4	9009	CURACAO	5741	4	PL	4947
	8	5	6	42	56.8049	1	0	50	23.322	13	17	4.55	4	9009	CURACAO	5741	6	PL	4948
	8	5	9	11	47.5287	1	21	52	0.801	-29	11	43.79	4	9007	AREQUIPA	6768	2	PK	4711
	8	5	9	11	55.5285	1	21	52	11.674	-28	34	18.18	4	9007	AREQUIPA	6768	3	PK	4712

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1962	8	5	9	33	52.5239	1	21	40	56.456	13	43	46.48	4	9010	JUPITER	7236	3	YK	4868
	8	5	9	34	16.5255	1	21	38	16.981	15	30	15.27	4	9010	JUPITER	7236	6	YK	4869
	8	5	9	37	11.2001	1	23	48	33.614	27	36	11.64	4	9001	ORGAN PASS	7286	3	PK	4535
	8	5	9	37	43.2037	1	23	46	23.378	30	48	39.28	4	9001	ORGAN PASS	7286	7	PK	4536
	8	5	12	21	4.9140	1	0	59	27.383	32	35	0.06	4	9012	MAUI	7234	4	VD	5503
	8	5	12	21	20.9140	1	0	59	26.030	34	3	48.82	4	9012	MAUI	7234	6	VD	7252
	8	5	23	25	14.2413	3	23	12	16.648	20	21	40.51	4	9008	SHIRAZ	8936	5	PL	4850
	8	5	23	25	22.2413	3	23	11	31.156	21	8	11.13	4	9008	SHIRAZ	8936	7	PL	303
	8	6	7	15	56.7756	10	0	20	56.067	-32	55	24.19	4	9011	VILLA DOLO	6363	2	PG	4883
	8	6	7	16	36.7749	10	0	17	0.803	-29	9	13.93	4	9011	VILLA DOLO	6363	7	PG	4884
	8	6	7	23	7.7252	1	0	31	28.908	-17	49	33.54	4	9007	AREQUIPA	6777	4	PG	5897
	8	6	7	23	47.7240	1	0	28	3.458	-14	3	54.82	4	9007	AREQUIPA	6777	9	PG	5898
	8	6	7	44	17.5236	1	0	1	46.569	30	54	2.89	4	9010	JUPITER	7237	2	VD	4870
	8	6	7	44	49.5254	1	23	59	53.225	34	6	6.42	4	9010	JUPITER	7237	6	VD	7250
	8	6	7	49	14.5639	1	2	9	18.694	37	0	17.88	4	9001	ORGAN PASS	7295	3	GL	4537
	8	6	7	49	42.5638	1	2	12	28.690	39	5	45.54	4	9001	ORGAN PASS	7295	10	GL	5815
	8	6	10	30	3.5583	1	22	28	35.608	18	54	56.30	4	9001	ORGAN PASS	7297	2	GL	4539
	8	6	10	30	51.5586	1	22	22	37.424	23	10	21.87	4	9001	ORGAN PASS	7297	8	GL	4540
	8	6	13	11	0.4446	1	23	36	28.713	10	32	59.67	4	9012	MAUI	7245	3	HC	5505
	8	6	13	11	32.4435	1	23	34	6.027	13	41	3.83	4	9012	MAUI	7245	7	HC	5506
	8	7	0	29	44.9932	1	2	47	29.464	45	0	43.53	4	9004	SAN FERNAN	6242	4	GL	4832
	8	7	5	23	42.4523	1	2	26	42.475	-24	45	38.92	4	9011	VILLA DOLO	6380	4	PG	4885
	8	7	5	24	6.4515	1	2	23	32.741	-23	15	54.79	4	9011	VILLA DOLO	6380	7	PG	4886
	8	7	5	47	8.2487	1	1	49	29.190	19	41	28.17	4	9009	CURACAO	5758	5	PL	7256
	8	7	5	47	24.2494	1	1	49	38.822	20	55	56.78	4	9009	CURACAO	5758	7	PL	5427
	8	7	8	8	42.5220	1	22	48	21.730	-38	18	15.96	4	9011	VILLA DOLO	6384	2	VD	5420
	8	7	8	8	58.5217	1	22	48	26.985	-36	50	18.23	4	9011	VILLA DOLO	6384	4	VD	5421
	8	7	8	15	43.4442	1	22	59	22.159	-25	50	41.01	4	9007	AREQUIPA	6790	3	RO	4744
	8	7	8	16	15.4436	1	22	58	13.616	-22	52	6.70	4	9007	AREQUIPA	6790	7	RO	4745
	8	7	8	29	23.9374	1	22	3	38.742	3	0	9.62	4	9009	CURACAO	5762	5	RO	4822
	8	7	8	29	39.9372	1	22	2	28.999	4	17	58.35	4	9009	CURACAO	5762	7	RO	4823
	8	7	8	35	54.2967	1	22	40	52.225	15	22	23.10	4	9010	JUPITER	7241	3	VD	5411
	8	7	8	36	18.3011	1	22	38	18.590	17	33	49.44	4	9010	JUPITER	7241	6	VD	5412
	8	7	8	40	28.0141	1	1	6	54.452	30	16	40.74	4	9001	ORGAN PASS	7306	2	PK	4541
	8	7	8	41	8.0135	1	1	7	59.001	33	59	14.26	4	9001	ORGAN PASS	7306	7	PK	4542
	8	7	11	19	22.2660	1	22	1	53.763	- 4	32	19.80	4	9001	ORGAN PASS	7309	3	PK	4543
	8	7	11	19	42.2668	1	22	0	20.158	- 3	12	37.90	4	9001	ORGAN PASS	7309	8	PK	4544
	8	7	11	23	48.2810	1	1	58	37.821	28	32	21.96	4	9012	MAUI	7255	3	HC	5507
	8	7	11	25	24.2872	1	2	4	10.801	35	51	25.39	4	9012	MAUI	7255	9	HC	5508
	8	7	14	4	53.9321	1	22	14	32.146	8	4	12.06	4	9012	MAUI	7258	2	BA	5509
	8	7	14	5	49.9071	1	22	9	8.958	12	46	50.17	4	9012	MAUI	7258	9	BA	5510
	8	7	22	29	32.6949	3	0	32	34.288	31	36	20.11	4	9008	SHIRAZ	8946	8	PK	5820
	8	7	22	29	36.6952	3	0	32	29.179	31	59	58.79	4	9008	SHIRAZ	8946	9	PK	4760
	8	8	1	20	51.7256	1	1	54	12.699	41	55	53.12	4	9004	SAN FERNAN	6250	5	GL	4833
	8	8	1	21	31.7266	1	1	59	14.380	45	13	37.91	4	9004	SAN FERNAN	6250	10	GL	4834

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	8	4	3	15.0822	1	21	54	40.112	26	51	48.16	4	9004	SAN FERNAN	6254	5	GL	4835
	8	8	4	3	47.0825	1	21	49	29.156	29	27	30.26	4	9004	SAN FERNAN	6254	9	GL	4836
	8	8	6	26	9.1744	1	1	39	13.411	-11	28	22.82	4	9007	AREQUIPA	6799	3	RO	4742
	8	8	6	26	41.1736	1	1	36	32.178	- 8	55	49.60	4	9007	AREQUIPA	6799	7	RO	4743
	8	8	9	8	5.6897	1	21	49	12.817	-28	54	24.54	4	9007	AREQUIPA	6802	3	RO	4740
	8	8	9	8	45.6893	1	21	50	11.237	-25	51	10.36	4	9007	AREQUIPA	6802	8	RO	4741
	8	8	9	32	41.1456	1	23	45	21.073	22	30	4.83	4	9001	ORGAN PASS	7318	3	PK	4545
	8	8	9	33	36.5816	1	23	41	19.076	28	1	13.13	4	9001	ORGAN PASS	7318	11	PK	4546
	8	8	12	15	29.3585	1	0	54	56.604	22	3	56.63	4	9012	MAUI	7268	2	BA	5511
	8	8	12	16	17.3563	1	0	54	10.793	26	36	20.74	4	9012	MAUI	7268	8	BA	5512
	8	8	14	59	7.1766	1	21	27	52.835	6	40	56.59	4	9012	MAUI	7275	3	GL	7251
	8	8	15	0	27.1727	1	21	21	14.435	11	53	16.72	4	9012	MAUI	7275	8	GL	5001
	8	8	15	11	11.1051	3	2	15	57.708	39	46	50.56	4	9005	TOKYO	6274	6	DM	6871
	8	8	15	11	59.1065	3	2	22	47.452	43	19	25.25	4	9005	TOKYO	6274	9	DM	6872
	8	8	17	23	10.7475	3	0	48	11.197	-28	31	18.68	4	9003	WOOMERA	10414	5	GL	4726
	8	8	17	23	26.7470	3	0	46	20.928	-27	3	48.83	4	9003	WOOMERA	10414	9	GL	4727
	8	8	17	51	53.0304	3	22	35	38.321	22	33	0.56	4	9005	TOKYO	6277	3	LD	6873
	8	8	17	52	41.0320	3	22	29	18.713	26	53	19.61	4	9005	TOKYO	6277	6	LD	6874
	8	8	23	22	18.9166	3	23	1	21.597	24	18	36.99	4	9008	SHIRAZ	8959	7	PK	4756
	8	8	23	23	8.2408	3	22	55	42.846	29	3	37.46	4	9008	SHIRAZ	8959	13	PK	5902
	8	9	2	12	27.3202	1	0	36	37.203	35	47	3.52	4	9004	SAN FERNAN	6262	6	GL	4837
	8	9	2	12	31.3204	1	0	36	36.021	36	10	43.16	4	9004	SAN FERNAN	6262	7	GL	4838
	8	9	7	32	21.3030	1	23	12	52.738	7	38	19.07	4	9009	CURACAO	5777	3	VD	4820
	8	9	7	32	45.3028	1	23	10	57.453	9	57	21.48	4	9009	CURACAO	5777	6	VD	4821
	8	9	7	39	28.9011	1	23	58	39.485	23	59	23.32	4	9010	JUPITER	7246	2	BA	4871
	8	9	7	40	8.8972	1	23	56	7.663	28	0	8.70	4	9010	JUPITER	7246	7	BA	4872
	8	9	7	45	3.1407	1	2	5	21.825	35	21	39.24	4	9001	ORGAN PASS	7330	3	GL	7248
	8	9	7	45	23.1406	1	2	7	22.206	36	53	42.93	4	9001	ORGAN PASS	7330	8	GL	4548
	8	9	10	26	31.3228	1	22	23	10.956	19	5	54.88	4	9001	ORGAN PASS	7334	2	PK	4549
	8	9	10	26	47.3227	1	22	21	11.475	20	29	29.45	4	9001	ORGAN PASS	7334	6	PK	4550
	8	9	21	33	39.2624	3	1	45	8.358	35	50	41.15	4	9008	SHIRAZ	8967	6	VD	4851
	8	9	21	33	51.2627	3	1	45	59.301	36	51	25.14	4	9008	SHIRAZ	8967	9	VD	4852
	8	10	0	0	42.0123	1	0	55	13.385	20	28	58.89	4	9002	OLIFANTS	8686	19	BA	4638
	8	10	0	15	56.2462	3	21	52	12.397	18	0	38.06	4	9008	SHIRAZ	8970	3	VD	4853
	8	10	0	16	12.2461	3	21	50	11.844	19	15	39.57	4	9008	SHIRAZ	8970	7	VD	4854
	8	10	0	24	33.0239	1	2	33	25.334	39	50	46.26	4	9004	SAN FERNAN	6270	2	PK	4839
	8	10	0	25	13.0241	1	2	39	46.687	42	30	33.99	4	9004	SAN FERNAN	6270	7	PK	4840
	8	10	3	5	23.4954	1	23	7	1.423	30	3	14.70	4	9004	SAN FERNAN	6276	3	PK	4841
	8	10	3	5	47.4954	1	23	4	10.118	32	23	36.70	4	9004	SAN FERNAN	6276	6	PK	4842
	8	10	5	43	12.6004	1	1	47	14.722	18	47	7.34	4	9009	CURACAO	5784	6	VD	4818
	8	10	5	43	20.6006	1	1	47	17.053	19	25	16.87	4	9009	CURACAO	5784	7	VD	4819
	8	10	5	51	40.5657	1	2	15	18.890	34	5	1.72	4	9010	JUPITER	7251	5	BA	4873
	8	10	5	52	4.5650	1	2	17	31.221	35	49	31.73	4	9010	JUPITER	7251	8	BA	4874
	8	10	8	25	18.4048	1	22	2	13.803	0	41	42.95	4	9009	CURACAO	5786	6	HC	4826
	8	10	8	25	26.4049	1	22	1	41.238	1	19	52.46	4	9009	CURACAO	5786	7	HC	4827

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	10	8	32	46.0863	1	22	32	14.539	17	47	39.55	4	9010	JUPITER	7254	2	MY	4875
	8	10	8	33	2.0865	1	22	30	24.719	19	13	52.14	4	9010	JUPITER	7254	4	MY	4876
	8	10	8	36	48.3347	1	1	2	17.667	30	43	30.56	4	9001	ORGAN PASS	7349	2	MY	4309
	8	10	8	37	4.3343	1	1	2	34.085	32	14	6.64	4	9001	ORGAN PASS	7349	4	MY	4310
	8	10	11	18	52.1831	1	21	43	58.222	8	5	11.67	4	9001	ORGAN PASS	7353	3	MY	4311
	8	10	11	19	12.1835	1	21	41	56.172	9	27	16.69	4	9001	ORGAN PASS	7353	8	MY	4312
	8	10	11	20	57.1791	1	1	59	26.085	32	57	15.86	4	9012	MAUI	7292	4	GL	5981
	8	10	11	21	5.1794	1	1	59	52.883	33	34	43.45	4	9012	MAUI	7292	5	GL	5982
	8	10	14	1	11.7249	1	22	10	57.426	7	31	2.46	4	9012	MAUI	7294	3	GL	5002
	8	10	14	1	59.7233	1	22	6	24.790	11	28	17.58	4	9012	MAUI	7294	9	GL	5003
	8	10	16	55	54.4923	3	23	47	12.752	34	23	40.25	4	9005	TOKYO	6296	4	LD	6875
	8	10	16	56	10.4925	3	23	45	59.015	36	0	52.51	4	9005	TOKYO	6296	5	LD	6876
	8	10	19	7	48.7130	3	21	56	44.808	-41	8	2.25	4	9003	WOOMERA	10434	3	GL	4719
	8	10	19	8	8.7125	3	21	58	16.159	-39	31	27.25	4	9003	WOOMERA	10434	8	GL	4720
	8	10	22	25	47.0809	3	0	26	4.207	31	15	56.41	4	9008	SHIRAZ	8981	5	PK	4761
	8	10	22	25	55.0813	3	0	25	48.893	32	3	47.74	4	9008	SHIRAZ	8981	7	PK	4762
	8	11	3	59	49.6082	1	21	49	17.637	27	20	6.59	4	9004	SAN FERNAN	6293	6	BO	4332
	8	11	4	0	37.6072	1	21	41	10.367	31	6	50.29	4	9004	SAN FERNAN	6293	12	BO	4333
	8	11	6	9	28.5187	1	2	37	50.914	-52	24	31.44	4	9011	VILLA DOLO	6398	3	PG	4887
	8	11	6	10	0.5182	1	2	29	2.410	-50	23	28.83	4	9011	VILLA DOLO	6398	7	PG	4888
	8	11	6	39	1.6878	1	0	29	0.092	32	52	35.82	4	9009	CURACAO	5789	5	RO	4824
	8	11	6	39	17.6880	1	0	28	14.480	34	21	36.61	4	9009	CURACAO	5789	7	RO	4825
	8	11	9	30	7.9215	1	23	33	23.356	28	59	3.70	4	9001	ORGAN PASS	7365	3	DM	4632
	8	11	9	30	19.9215	1	23	32	18.731	30	11	6.72	4	9001	ORGAN PASS	7365	6	DM	4633
	8	11	12	11	53.6655	1	0	49	8.867	22	40	41.82	4	9012	MAUI	7302	2	GL	5004
	8	11	12	12	49.6634	1	0	47	51.292	28	3	59.68	4	9012	MAUI	7302	9	GL	5005
	8	11	17	13	9.1660	3	1	54	12.924	-60	48	18.23	4	9003	WOOMERA	10445	2	VD	4654
	8	11	17	13	41.1654	3	1	44	29.653	-58	35	9.99	4	9003	WOOMERA	10445	10	VD	4655
	8	11	17	49	16.0254	3	22	22	16.388	27	39	16.17	4	9005	TOKYO	6309	9	YK	6731
	8	11	17	49	48.0250	3	22	17	24.064	30	28	50.82	4	9005	TOKYO	6309	11	YK	8194
	8	12	2	8	6.7502	1	0	31	4.636	32	3	20.53	4	9004	SAN FERNAN	6304	2	BO	4334
	8	12	2	8	46.7503	1	0	30	22.832	36	2	8.53	4	9004	SAN FERNAN	6304	7	BO	5896
	8	12	7	1	51.7104	1	1	14	25.361	-68	34	15.84	4	9011	VILLA DOLO	6409	4	YK	4798
	8	12	7	2	15.7098	1	1	6	38.632	-66	51	34.94	4	9011	VILLA DOLO	6409	7	YK	4799
	8	12	7	5	13.6745	1	2	0	26.516	-67	28	24.55	4	9007	AREQUIPA	6831	3	MY	5901
	8	12	7	6	17.6741	1	1	40	43.460	-64	1	14.67	4	9007	AREQUIPA	6831	7	MY	4735
	8	12	7	33	23.0652	1	22	38	58.763	33	16	27.00	4	9009	CURACAO	5795	4	HC	4828
	8	12	7	33	47.0645	1	22	36	4.775	35	17	45.34	4	9009	CURACAO	5795	7	HC	4829
	8	12	7	42	34.8079	1	2	12	1.449	41	43	5.88	4	9001	ORGAN PASS	7375	7	DM	4313
	8	12	7	42	58.8090	1	2	15	3.993	43	35	11.96	4	9001	ORGAN PASS	7375	10	DM	4314
	8	12	10	23	14.6305	1	22	16	4.823	20	35	1.61	4	9001	ORGAN PASS	7380	4	DM	5816
	8	12	10	23	38.6305	1	22	12	53.978	22	37	53.34	4	9001	ORGAN PASS	7380	7	DM	4315
	8	12	18	41	41.8017	3	21	42	10.930	15	18	25.25	4	9005	TOKYO	6321	4	BN	6943
	8	12	18	42	45.8032	3	21	33	55.005	19	47	55.16	4	9005	TOKYO	6321	8	BN	6944
	8	12	21	28	51.3112	3	1	38	14.485	30	41	10.78	4	9008	SHIRAZ	8999	3	PL	4855

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	12	21	29	7.3116	3	1	39	2.435	32	3	55.79	4	9008	SHIRAZ	8999	7	PL	4856
	8	13	0	12	53.0416	3	21	45	4.626	20	15	34.22	4	9008	SHIRAZ	9004	4	PL	4857
	8	13	0	13	9.0419	3	21	42	57.896	21	28	19.52	4	9008	SHIRAZ	9004	8	PL	4858
	8	13	7	54	38.9892	1	21	58	16.012	-71	0	46.07	4	9011	VILLA DOLO	6417	3	BO	4889
	8	13	7	55	18.9889	1	22	7	8.801	-68	6	30.34	4	9011	VILLA DOLO	6417	8	BO	4890
	8	13	8	26	24.5240	1	21	36	1.858	21	59	52.88	4	9009	CURACAO	5802	4	VD	4816
	8	13	8	26	32.5241	1	21	35	13.466	22	33	45.80	4	9009	CURACAO	5802	5	VD	4817
	8	13	8	31	4.2937	1	22	12	19.817	27	38	51.39	4	9010	JUPITER	7264	4	DM	4807
	8	13	8	31	28.2907	1	22	8	51.145	29	42	13.02	4	9010	JUPITER	7264	7	DM	4808
	8	13	16	51	9.1439	3	23	45	15.870	27	43	48.41	4	9005	TOKYO	6331	3	YK	6733
	8	13	16	52	5.9773	3	23	40	40.916	33	26	27.79	4	9005	TOKYO	6331	10	YK	6734
	8	13	19	0	29.1038	3	21	24	57.174	-57	7	51.81	4	9003	WOOMERA	10468	6	BO	4326
	8	13	19	0	45.1036	3	21	27	57.699	-55	59	15.79	4	9003	WOOMERA	10468	10	BO	4327
	8	14	0	38	57.7222	1	0	30	0.973	-42	52	38.64	4	9002	OLIFANTS	8758	8	DM	5895
	8	14	0	39	29.7228	1	0	26	20.213	-39	58	38.54	4	9002	OLIFANTS	8758	12	DM	4640
	8	14	1	12	40.5600	1	1	43	54.074	39	10	14.74	4	9004	SAN FERNAN	6318	5	BO	4336
	8	14	1	12	48.5599	1	1	44	37.172	39	51	55.11	4	9004	SAN FERNAN	6318	6	BO	4337
	8	14	9	23	27.4034	10	21	33	4.282	14	43	16.79	4	9010	JUPITER	7272	3	DM	4805
	8	14	9	23	43.4017	10	21	31	18.698	15	49	5.08	4	9010	JUPITER	7272	5	DM	4806
	8	14	9	27	4.4036	1	23	22	37.640	32	23	19.73	4	9001	ORGAN PASS	7392	3	DM	4634
	8	14	9	27	16.4036	1	23	21	19.591	33	34	58.71	4	9001	ORGAN PASS	7392	6	DM	4635
	8	14	15	3	43.4573	3	2	13	48.317	40	52	2.81	4	9005	TOKYO	6340	17	YK	6735
	8	14	15	3	51.4573	3	2	14	50.126	41	29	21.15	4	9005	TOKYO	6340	18	YK	6736
	8	14	17	7	44.8683	3	2	26	0.646	-68	31	9.60	4	9003	WOOMERA	10477	7	PK	4717
	8	14	17	7	48.8682	3	2	24	6.101	-68	17	30.27	4	9003	WOOMERA	10477	8	PK	4718
	8	14	23	17	20.3814	3	22	29	22.399	36	31	3.89	4	9008	SHIRAZ	9019	13	LD	4859
	8	14	23	17	24.3813	3	22	28	43.115	36	52	39.73	4	9008	SHIRAZ	9019	14	LD	4860
	8	15	1	32	15.9096	1	22	41	33.081	-44	7	5.10	4	9002	OLIFANTS	8772	13	DM	4641
	8	15	7	37	29.7272	1	2	1	33.082	35	46	12.78	4	9001	ORGAN PASS	7400	4	DM	4316
	8	15	7	37	41.7272	1	2	2	38.684	36	44	16.31	4	9001	ORGAN PASS	7400	7	DM	5817
	8	15	15	55	23.8879	3	1	4	40.565	36	35	28.81	4	9005	TOKYO	6350	6	VD	6737
	8	15	15	55	59.8883	3	1	5	43.846	40	3	4.04	4	9005	TOKYO	6350	15	VD	6738
	8	15	23	39	59.2290	1	2	12	26.727	-43	8	0.16	4	9002	OLIFANTS	8789	15	MW	4642
	8	15	23	40	7.2286	1	2	10	53.522	-42	34	18.99	4	9002	OLIFANTS	8789	16	MW	4643
	8	16	2	59	17.6132	10	22	43	59.650	36	16	15.10	4	9004	SAN FERNAN	6326	4	PG	4338
	8	16	2	59	33.6129	10	22	41	24.880	37	46	26.94	4	9004	SAN FERNAN	6326	6	PG	4339
	8	16	16	49	51.9782	3	23	24	3.235	41	53	50.62	4	9005	TOKYO	6361	3	VD	6932
	8	16	16	49	59.9786	3	23	23	3.475	42	41	24.16	4	9005	TOKYO	6361	4	VD	6933
	8	16	22	21	16.4143	3	0	0	49.957	48	25	24.23	4	9008	SHIRAZ	9035	7	LD	4861
	8	16	22	21	28.4144	3	23	59	52.310	49	34	55.67	4	9008	SHIRAZ	9035	10	LD	4862
	8	17	1	8	32.1496	1	1	38	29.802	37	23	27.16	4	9004	SAN FERNAN	6334	3	PG	4340
	8	17	1	9	12.1499	1	1	41	42.353	40	56	27.98	4	9004	SAN FERNAN	6334	8	PG	4341
	8	17	5	59	22.3785	10	3	33	24.350	-64	6	21.21	4	9011	VILLA DOLO	6440	3	RO	4800
	8	17	5	59	31.9409	10	3	29	0.189	-63	40	52.29	4	9011	VILLA DOLO	6440	4	RO	7249
	8	17	9	24	38.5179	10	23	5	52.889	39	19	24.01	4	9001	ORGAN PASS	7412	2	DM	4668

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	17	9	24	50.5177	10	23	4	10.034	40	28	54.08	4	9001	ORGAN PASS	7412	5	DM	4669
	8	17	12	8	41.2168	1	0	25	56.170	46	55	13.63	4	9012	MAUI	7335	2	DM	5523
	8	17	12	8	49.2172	1	0	25	32.853	47	39	2.82	4	9012	MAUI	7335	3	DM	5524
	8	17	17	44	7.8176	3	21	50	31.404	37	24	4.95	4	9005	TOKYO	6371	8	VD	6935
	8	18	1	26	41.4824	1	22	30	7.928	-53	16	57.39	4	9002	OLIFANTS	8824	12	MW	4644
	8	18	1	27	29.4867	1	22	32	32.555	-49	18	35.65	4	9002	OLIFANTS	8824	18	MW	4645
	8	18	2	2	51.1584	1	0	12	47.000	45	3	11.48	4	9004	SAN FERNAN	6343	5	RO	4781
	8	18	2	3	15.1589	1	0	11	28.534	47	28	28.01	4	9004	SAN FERNAN	6343	8	RO	4782
	8	18	6	52	31.8444	1	1	31	53.610	-78	1	1.48	4	9011	VILLA DOLO	6453	3	BO	5415
	8	18	6	52	55.8443	1	1	18	3.875	-76	31	18.04	4	9011	VILLA DOLO	6453	6	BO	5416
	8	18	7	33	56.6718	1	2	0	14.463	37	4	53.41	4	9001	ORGAN PASS	7423	2	MY	4626
	8	18	10	18	10.6419	1	21	48	38.596	30	27	28.67	4	9001	ORGAN PASS	7425	2	MY	4627
	8	18	10	18	18.6397	1	21	47	17.320	31	5	9.94	4	9001	ORGAN PASS	7425	3	MY	4628
	8	18	13	3	13.8775	1	22	17	29.335	46	50	58.32	4	9012	MAUI	7343	3	PK	4924
	8	18	13	3	25.8772	1	22	15	10.214	47	46	54.95	4	9012	MAUI	7343	6	PK	4925
	8	18	23	35	1.3053	1	2	25	15.138	-49	37	59.60	4	9002	OLIFANTS	8834	17	MW	4646
	8	18	23	35	32.6429	1	2	18	8.322	-47	33	24.55	4	9002	OLIFANTS	8834	20	MW	4647
	8	19	2	21	18.0603	1	21	31	25.857	-40	50	5.35	4	9002	OLIFANTS	8840	8	DM	4662
	8	19	2	21	26.0609	1	21	32	13.386	-40	16	32.61	4	9002	OLIFANTS	8840	9	DM	4663
	8	19	2	57	50.4642	1	22	11	22.667	47	34	27.94	4	9004	SAN FERNAN	6346	7	BA	4763
	8	19	2	57	58.4662	1	22	9	26.541	48	15	21.18	4	9004	SAN FERNAN	6346	8	BA	4764
	8	19	8	26	12.2475	1	21	39	20.478	37	54	43.47	4	9010	JUPITER	7285	2	DM	4803
	8	19	8	26	20.2479	1	21	37	48.701	38	30	31.66	4	9010	JUPITER	7285	3	DM	4804
	8	19	8	28	18.4672	1	0	44	15.966	46	41	7.95	4	9001	ORGAN PASS	7433	3	BA	4620
	8	19	8	28	30.4670	1	0	44	11.807	47	51	30.81	4	9001	ORGAN PASS	7433	6	BA	5893
	8	19	11	11	49.3870	10	21	15	14.665	22	12	37.63	4	9001	ORGAN PASS	7437	5	VD	4317
	8	19	11	12	4.7033	1	1	58	37.800	45	35	22.45	4	9012	MAUI	7347	6	DM	5517
	8	19	11	12	5.3926	10	21	13	3.189	23	11	52.82	4	9001	ORGAN PASS	7437	9	VD	4318
	8	19	11	12	20.7031	1	1	59	52.678	46	52	22.66	4	9012	MAUI	7347	8	DM	5518
	8	20	0	29	15.8433	1	0	28	56.454	-56	4	34.86	4	9002	OLIFANTS	8854	12	DU	4658
	8	20	0	29	31.8438	1	0	26	42.904	-54	45	13.96	4	9002	OLIFANTS	8854	14	DU	4659
	8	20	1	5	24.6905	10	1	37	21.186	41	1	11.91	4	9004	SAN FERNAN	6352	3	MY	4773
	8	20	1	5	48.6900	10	1	39	18.290	43	11	46.69	4	9004	SAN FERNAN	6352	6	MY	4774
	8	20	3	50	35.6477	10	21	23	57.032	32	56	15.35	4	9004	SAN FERNAN	6356	4	MY	4775
	8	20	3	51	7.6472	10	21	17	37.332	35	10	15.68	4	9004	SAN FERNAN	6356	8	MY	4776
	8	20	9	20	47.1156	1	22	59	49.844	37	45	6.42	4	9001	ORGAN PASS	7441	4	DM	4636
	8	20	9	20	59.1156	1	22	58	2.916	38	54	3.16	4	9001	ORGAN PASS	7441	7	DM	4637
	8	20	12	6	48.2015	1	0	8	13.909	56	35	46.48	4	9012	MAUI	7353	5	GL	4921
	8	20	12	7	12.2006	1	0	6	7.396	58	35	50.61	4	9012	MAUI	7353	8	GL	4922
	8	21	1	22	53.6934	1	22	22	10.276	-53	15	25.57	4	9002	OLIFANTS	8874	8	DM	4666
	8	21	1	23	9.6943	1	22	23	17.786	-51	58	9.94	4	9002	OLIFANTS	8874	10	DM	4667
	8	21	2	0	9.9689	1	23	59	36.909	51	6	27.98	4	9004	SAN FERNAN	6359	4	DM	5821
	8	21	2	0	25.9685	1	23	58	10.891	52	41	27.50	4	9004	SAN FERNAN	6359	6	DM	4783
	8	21	13	0	18.0170	1	22	1	10.649	49	13	43.65	4	9012	MAUI	7360	3	LD	5907
	8	21	13	0	26.0167	1	21	59	26.910	49	48	24.84	4	9012	MAUI	7360	4	LD	5908

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	21	23	29	46.7464	1	2	46	13.286	-56	44	37.46	4	9002	OLIFANTS	8891 13	VD	4672
	8	21	23	31	38.5819	1	2	16	44.350	-49	44	38.44	4	9002	OLIFANTS	8891 21	VD	4673
	8	22	0	9	18.0327	1	2	31	0.638	40	41	27.67	4	9004	SAN FERNAN	6365 3	HC	4779
	8	22	0	9	42.0331	1	2	34	33.495	42	27	27.32	4	9004	SAN FERNAN	6365 6	HC	4780
	8	22	2	16	12.6279	1	21	20	28.014	-45	52	29.46	4	9002	OLIFANTS	8894 12	VD	5899
	8	22	2	16	28.6287	1	21	22	31.423	-44	48	42.69	4	9002	OLIFANTS	8894 14	VD	4671
	8	22	2	54	23.2991	10	22	1	38.770	47	46	6.05	4	9004	SAN FERNAN	6366 4	DM	4784
	8	22	2	54	47.2988	10	21	55	21.023	49	43	13.77	4	9004	SAN FERNAN	6366 7	DM	4785
	8	22	13	52	59.6598	1	21	14	15.343	33	44	43.14	4	9012	MAUI	7371 2	GL	5006
	8	22	13	53	3.6596	1	21	13	38.017	33	59	53.92	4	9012	MAUI	7371 3	GL	5007
	8	22	22	17	12.2198	3	23	6	5.145	65	41	14.38	4	9008	SHIRAZ	9041 4	PK	4752
	8	22	22	17	24.2203	3	23	2	48.999	66	38	5.83	4	9008	SHIRAZ	9041 7	PK	4753
	8	23	0	24	41.8295	1	0	24	38.729	-60	48	14.61	4	9002	OLIFANTS	8908 5	DM	4656
	8	23	0	25	29.8301	1	0	18	12.614	-58	56	2.29	4	9002	OLIFANTS	8908 11	DM	4657
	8	23	5	51	0.2044	1	4	2	54.911	-69	33	34.72	4	9011	VILLA DOLO	6482 6	BO	4891
	8	23	5	51	32.2034	1	3	43	52.987	-68	21	14.28	4	9011	VILLA DOLO	6482 8	BO	4892
	8	23	6	29	33.3910	1	23	21	16.046	58	52	24.34	4	9009	CURACAO	5838 4	BA	4812
	8	23	6	29	49.3910	1	23	18	40.317	59	59	14.90	4	9009	CURACAO	5838 6	BA	4813
	8	23	23	8	32.4967	3	21	45	50.659	44	53	10.52	4	9008	SHIRAZ	9046 5	PK	4754
	8	23	23	9	24.4969	3	21	33	4.985	48	41	52.14	4	9008	SHIRAZ	9046 15	PK	4755
	8	24	1	17	31.5084	1	22	4	9.902	-60	20	14.76	4	9002	OLIFANTS	8922 9	RO	4737
	8	24	1	18	35.5158	1	22	11	50.024	-55	30	44.97	4	9002	OLIFANTS	8922 17	RO	4738
	8	24	1	19	44.5203	1	22	17	55.363	-50	4	7.43	4	9002	OLIFANTS	8922 32	RO	4739
	8	24	7	28	38.3658	1	2	7	31.225	49	3	27.61	4	9001	ORGAN PASS	7453 6	VD	4319
	8	24	7	28	54.3657	1	2	9	40.650	50	23	58.37	4	9001	ORGAN PASS	7453 8	VD	5892
	8	24	12	57	10.1969	1	21	47	20.369	50	26	35.30	4	9012	MAUI	7391 3	GL	5008
	8	24	12	57	42.1962	1	21	39	38.272	52	34	32.03	4	9012	MAUI	7391 7	GL	5009
	8	24	15	47	45.5988	3	0	46	6.918	57	51	40.66	4	9005	TOKYO	6393 4	VD	6936
	8	24	15	47	53.5984	3	0	46	9.686	58	37	21.33	4	9005	TOKYO	6393 5	VD	6937
	8	24	18	30	56.6231	3	21	7	27.029	28	17	24.16	4	9005	TOKYO	6397 3	VD	6938
	8	24	18	31	44.6231	3	20	59	12.377	31	8	2.95	4	9005	TOKYO	6397 9	VD	7784
	8	24	23	27	58.3739	1	2	11	27.940	-50	58	25.63	4	9002	OLIFANTS	8934 3	RO	4736
	8	25	5	32	27.0285	1	1	33	2.159	58	12	25.04	4	9009	CURACAO	5850 4	VD	4814
	8	25	5	32	43.0289	1	1	33	44.821	59	21	1.10	4	9009	CURACAO	5850 6	VD	4815
	8	25	8	20	25.8738	1	21	14	13.576	42	22	21.46	4	9010	JUPITER	7312 3	DM	4809
	8	25	8	20	41.8729	1	21	10	40.615	43	24	6.11	4	9010	JUPITER	7312 5	DM	4810
	8	25	8	23	7.5340	1	0	19	53.643	59	52	11.36	4	9001	ORGAN PASS	7464 4	VD	4320
	8	25	8	23	31.5338	1	0	18	15.388	62	3	52.83	4	9001	ORGAN PASS	7464 7	VD	4321
	8	25	11	6	15.6487	1	1	55	37.024	54	49	41.40	4	9012	MAUI	7398 5	DM	5515
	8	25	11	6	19.6517	1	1	55	59.626	55	8	35.34	4	9012	MAUI	7398 6	DM	5516
	8	25	22	12	24.7062	3	23	8	8.148	59	44	19.61	4	9008	SHIRAZ	9052 6	VD	4730
	8	25	22	12	28.7060	3	23	7	14.813	60	4	36.61	4	9008	SHIRAZ	9052 7	VD	4731
	8	26	0	20	38.8712	1	0	14	22.483	-62	52	20.77	4	9002	OLIFANTS	8956 7	DM	4664
	8	26	0	20	46.8715	1	0	13	21.887	-62	14	46.95	4	9002	OLIFANTS	8956 8	DM	4665
	8	26	5	45	28.1582	1	5	25	1.985	-73	45	32.44	4	9011	VILLA DOLO	6524 6	MY	5496

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	26	5	46	0.1578	1	4	59	15.635	73	15	25.84	4	9011	VILLA DOLO	6524	8	MY	5497
	8	26	6	30	46.6584	1	2	43	25.203	39	11	15.19	4	9001	ORGAN PASS	7468	4	DU	4622
	8	26	6	30	58.6584	1	2	45	2.716	40	1	16.65	4	9001	ORGAN PASS	7468	7	DU	4623
	8	26	9	16	27.8019	1	22	7	45.372	52	23	35.85	4	9001	ORGAN PASS	7471	3	MW	4624
	8	26	9	16	39.8016	1	22	4	27.203	53	20	34.02	4	9001	ORGAN PASS	7471	6	MW	5894
	8	26	12	0	28.9674	1	23	34	9.056	61	31	32.10	4	9012	MAUI	7407	2	PK	5012
	8	26	12	1	0.9668	1	23	28	25.270	63	57	48.68	4	9012	MAUI	7407	6	PK	5013
	8	26	17	36	19.4495	3	20	53	58.787	47	58	51.99	4	9005	TOKYO	6400	7	VD	6940
	8	26	23	6	34.3489	3	21	14	55.437	50	54	24.35	4	9008	SHIRAZ	9063	10	VD	5418
	8	26	23	6	42.3490	3	21	12	35.084	51	25	4.75	4	9008	SHIRAZ	9063	12	VD	5419
	8	27	1	14	30.3775	1	22	2	25.970	-56	35	2.16	4	9002	OLIFANTS	8966	6	MW	4648
	8	27	1	14	46.3781	1	22	4	23.570	-55	22	55.08	4	9002	OLIFANTS	8966	8	MW	4649
	8	27	7	25	34.5816	1	2	8	14.273	53	9	10.77	4	9001	ORGAN PASS	7479	4	BA	4322
	8	27	7	25	46.5816	1	2	10	1.971	54	9	34.73	4	9001	ORGAN PASS	7479	7	BA	4323
	8	27	10	8	23.5190	1	2	48	0.075	44	1	26.44	4	9012	MAUI	7413	2	LD	5513
	8	27	10	9	11.5192	1	2	54	11.906	47	14	40.16	4	9012	MAUI	7413	8	LD	5514
	8	27	10	10	23.5153	1	21	3	25.346	41	22	0.79	4	9001	ORGAN PASS	7482	3	PL	4551
	8	27	10	10	39.5153	1	20	59	38.873	42	21	41.73	4	9001	ORGAN PASS	7482	7	PL	4552
	8	27	12	55	24.6837	1	21	11	31.529	56	20	32.59	4	9012	MAUI	7414	6	GL	5422
	8	27	12	55	32.6922	1	21	9	6.917	56	46	59.29	4	9012	MAUI	7414	7	GL	4923
	8	27	15	44	55.5781	3	0	33	30.546	63	3	57.29	4	9005	TOKYO	6405	10	LD	6725
	8	27	15	45	11.5785	3	0	32	59.266	64	32	16.08	4	9005	TOKYO	6405	11	LD	6726
	8	27	18	28	34.1883	3	20	54	55.688	32	2	1.59	4	9005	TOKYO	6408	4	LD	6727
	8	27	18	29	22.1871	3	20	45	53.070	34	39	54.00	4	9005	TOKYO	6408	7	LD	6728
	8	27	23	59	22.0450	3	20	54	36.841	35	40	18.45	4	9008	SHIRAZ	9070	4	VD	4728
	8	27	23	59	26.0453	3	20	53	51.629	35	53	58.51	4	9008	SHIRAZ	9070	5	VD	4729
	8	28	8	19	43.3999	1	0	5	12.984	61	33	14.10	4	9001	ORGAN PASS	7490	6	PL	4553
	8	28	8	20	25.5467	1	0	0	4.742	65	18	23.92	4	9001	ORGAN PASS	7490	13	PL	5818
	8	28	11	3	26.2038	1	1	53	8.235	59	47	18.06	4	9012	MAUI	7422	3	PL	5521
	8	28	11	3	42.2039	1	1	54	51.964	61	0	17.07	4	9012	MAUI	7422	4	PL	5522
	8	28	15	53	26.5452	10	4	35	19.879	-67	27	0.51	4	9003	WOOMERA	10628	2	BO	4328
	8	28	15	53	30.5450	10	4	33	6.237	-67	20	4.72	4	9003	WOOMERA	10628	3	BO	4329
	8	28	16	37	13.1023	3	22	27	44.406	51	12	32.00	4	9005	TOKYO	6412	3	YK	6729
	8	28	16	38	1.1032	3	22	14	41.287	55	14	21.48	4	9005	TOKYO	6412	6	YK	6730
	8	28	22	10	22.0657	3	22	25	41.758	66	46	23.93	4	9008	SHIRAZ	9077	8	VD	4794
	8	28	22	10	30.0660	3	22	22	35.221	67	20	32.00	4	9008	SHIRAZ	9077	9	VD	4795
	8	29	6	28	44.2285	1	2	59	13.706	46	53	23.91	4	9001	ORGAN PASS	7499	5	PL	4555
	8	29	6	28	56.2286	1	3	1	27.769	47	42	43.66	4	9001	ORGAN PASS	7499	8	PL	4556
	8	29	9	14	28.8132	1	21	27	59.092	58	41	54.84	4	9001	ORGAN PASS	7501	3	PL	4557
	8	29	9	14	40.8133	1	21	23	25.410	59	28	45.29	4	9001	ORGAN PASS	7501	6	PL	4558
	8	29	11	57	50.2178	1	23	6	29.920	65	44	27.83	4	9012	MAUI	7431	3	VD	4796
	8	29	11	58	22.2168	1	22	57	49.731	67	56	33.49	4	9012	MAUI	7431	5	VD	4797
	8	29	17	31	58.9552	3	21	3	47.207	44	19	54.29	4	9005	TOKYO	6418	4	BO	6930
	8	29	17	32	46.9565	3	20	50	27.598	47	16	16.94	4	9005	TOKYO	6418	7	BO	6931
	8	29	20	18	28.9110	3	2	52	43.353	53	47	19.49	4	9008	SHIRAZ	9085	10	GL	4748

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	8	29	20	18	33.7183	3	2	53	43.571	54	8	8.40	4	9008	SHIRAZ	9085 11	GL	4749
	8	29	23	4	34.8936	3	20	39	42.471	55	29	34.40	4	9008	SHIRAZ	9087 17	GL	4746
	8	29	23	4	39.7049	3	20	38	0.749	55	44	29.40	4	9008	SHIRAZ	9087 18	GL	4747
	8	30	1	8	39.9088	1	21	32	32.580	-64	46	6.17	4	9002	OLIFANTS	9024 4	VD	4650
	8	30	1	10	6.2149	1	21	49	59.793	-58	53	15.40	4	9002	OLIFANTS	9024 14	VD	4651
	8	30	1	52	10.3531	1	22	46	13.291	67	7	4.04	4	9004	SAN FERNAN	6416 6	BA	4765
	8	30	1	52	18.3532	1	22	43	12.941	67	45	37.80	4	9004	SAN FERNAN	6416 7	BA	4766
	8	30	7	22	50.1378	1	2	11	44.057	58	53	22.72	4	9001	ORGAN PASS	7511 4	PL	4559
	8	30	7	23	2.1377	1	2	13	57.128	59	52	31.09	4	9001	ORGAN PASS	7511 7	PL	4560
	8	30	10	5	20.4243	1	2	52	7.729	47	33	36.42	4	9012	MAUI	7441 3	DM	5525
	8	30	10	5	44.4354	1	2	55	30.457	49	10	50.06	4	9012	MAUI	7441 6	DM	5526
	8	30	10	7	20.6818	1	20	53	52.559	42	33	8.34	4	9001	ORGAN PASS	7514 2	PL	5819
	8	30	10	7	28.6817	1	20	51	55.885	43	1	10.38	4	9001	ORGAN PASS	7514 4	PL	4562
	8	30	12	51	45.8318	1	21	6	48.950	55	7	46.88	4	9012	MAUI	7445 4	PL	5519
	8	30	12	52	9.8316	1	20	59	42.587	56	24	13.68	4	9012	MAUI	7445 7	PL	5520
	8	30	21	13	37.2387	3	1	29	22.011	70	49	32.25	4	9008	SHIRAZ	9094 2	MY	4732
	8	30	21	13	41.2388	3	1	29	56.150	71	8	22.60	4	9008	SHIRAZ	9094 3	MY	4733
	8	30	23	13	47.9332	1	5	2	25.458	-73	2	36.39	4	9002	OLIFANTS	9042 9	DM	4660
	8	30	23	14	11.9332	1	4	45	38.603	-72	33	30.55	4	9002	OLIFANTS	9042 12	DM	4661
	8	30	23	18	4.0500	10	2	43	41.894	-63	12	42.54	4	9002	OLIFANTS	9043 19	VD	4652
	8	30	23	18	36.0506	10	2	32	29.083	-61	21	46.47	4	9002	OLIFANTS	9043 23	VD	4653
	8	30	23	54	18.2084	1	2	5	58.252	24	27	7.87	4	9004	SAN FERNAN	6425 4	DM	4786
	8	30	23	54	34.2086	1	2	7	1.008	25	41	10.70	4	9004	SAN FERNAN	6425 6	DM	4787
	8	30	23	54	38.5914	3	21	6	19.304	31	6	16.75	4	9008	SHIRAZ	9099 4	PK	4758
	8	30	23	54	54.5914	3	21	3	39.005	32	2	45.16	4	9008	SHIRAZ	9099 6	PK	4759
	8	31	2	45	14.7149	1	21	12	53.607	52	50	8.69	4	9004	SAN FERNAN	6427 4	DM	4788
	8	31	2	45	30.7150	1	21	7	20.489	53	52	11.07	4	9004	SAN FERNAN	6427 6	DM	4789
	8	31	8	17	3.1354	1	23	40	47.810	66	49	41.50	4	9001	ORGAN PASS	7524 5	PL	4563
	8	31	8	17	15.1352	1	23	38	14.009	67	50	12.72	4	9001	ORGAN PASS	7524 8	PL	4564
	8	31	11	0	34.5401	1	1	48	55.440	64	26	52.67	4	9012	MAUI	7452 3	GL	4919
	8	31	11	1	6.5402	1	1	52	53.193	66	46	52.42	4	9012	MAUI	7452 7	GL	4920
	8	31	15	49	4.8158	10	5	2	42.188	-69	58	14.14	4	9003	WOOMERA	10675 2	BO	4330
	8	31	15	49	32.8166	10	4	44	59.494	-69	18	48.13	4	9003	WOOMERA	10675 9	BO	4331
	8	31	19	21	15.6868	10	1	31	45.311	68	40	59.86	4	9006	NAIN TAL	4771 3	BN	6941
	8	31	19	21	47.6885	10	1	36	23.733	71	12	19.07	4	9006	NAIN TAL	4771 7	BN	6942
	8	31	22	6	6.0869	3	22	25	7.662	63	20	46.19	4	9008	SHIRAZ	9105 3	GL	4750
	8	31	22	6	10.0870	3	22	23	45.156	63	38	21.78	4	9008	SHIRAZ	9105 4	GL	4751
	9	1	0	11	27.1014	1	23	54	40.498	-71	22	26.97	4	9002	OLIFANTS	9061 2	CB	7746
	9	1	0	12	38.7403	1	23	49	9.358	-66	4	27.53	4	9002	OLIFANTS	9061 8	CB	7458
	9	1	11	54	32.0521	1	22	44	56.725	66	39	51.20	4	9012	MAUI	7463 6	TJ	8041
	9	1	11	55	13.0445	1	22	31	5.421	69	17	23.54	4	9012	MAUI	7463 9	TJ	8332
	9	1	20	14	35.5777	1	22	20	10.783	65	32	3.51	4	9006	NAIN TAL	4781 7	WS	7699
	9	1	20	14	39.4454	1	2	48	53.436	54	17	2.08	4	9008	SHIRAZ	9116 3	SS	7640
	9	1	20	15	8.6620	1	22	6	38.249	67	48	2,72	4	9006	NAIN TAL	4781 11	WS	9509
	9	1	20	15	11.4461	1	2	55	40.419	56	36	52.02	4	9008	SHIRAZ	9116 7	SS	7641

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	1	22	19	57.3956	1	3	50	38.787	-53	13	22.58	4	9002	OLIFANTS	9073	4	BZ	7459
	9	1	22	20	29.3950	1	3	41	44.280	-51	45	46.86	4	9002	OLIFANTS	9073	8	KA	7460
	9	1	22	21	51.4155	1	3	20	57.156	-47	37	19.70	4	9002	OLIFANTS	9073	22	NG	7461
	9	1	22	59	29.8541	1	21	4	12.628	49	26	35.11	4	9008	SHIRAZ	9121	3	HB	7494
	9	1	22	59	45.8542	1	20	59	36.248	50	23	35.41	4	9008	SHIRAZ	9121	7	HB	7642
	9	2	1	4	47.4274	1	21	23	29.369	-64	29	59.78	4	9002	OLIFANTS	9076	6	SE	7462
	9	2	1	5	11.4300	1	21	29	30.824	-62	57	54.48	4	9002	OLIFANTS	9076	9	SE	7463
	9	2	1	6	47.0037	1	21	48	9.142	-56	27	27.86	4	9002	OLIFANTS	9076	20	PB	7464
	9	2	4	33	4.4192	1	3	20	22.593	51	10	1.29	4	9010	JUPITER	7348	2	KA	7791
	9	2	4	33	12.4189	1	3	22	2.819	51	39	47.99	4	9010	JUPITER	7348	3	KA	7792
	9	2	7	17	45.3684	1	21	30	5.288	59	36	43.32	4	9010	JUPITER	7350	3	FI	7793
	9	2	7	18	1.3693	1	21	24	13.593	60	34	51.04	4	9010	JUPITER	7350	5	FI	7794
	9	2	15	37	46.3714	1	0	4	2.568	64	37	33.41	4	9005	TOKYO	6432	4	WS	8201
	9	2	15	38	34.3711	1	23	56	37.604	68	53	41.15	4	9005	TOKYO	6432	7	WS	8202
	9	2	23	13	53.4353	1	2	48	0.203	-66	12	56.13	4	9002	OLIFANTS	9088	6	NG	7465
	9	2	23	14	9.4355	1	2	41	30.953	-65	20	24.94	4	9002	OLIFANTS	9088	8	SC	7466
	9	3	5	26	49.3100	1	2	31	8.829	62	34	51.02	4	9010	JUPITER	7357	2	LE	7795
	9	3	5	27	13.3100	1	2	36	38.416	64	20	33.84	4	9010	JUPITER	7357	5	LE	8357
	9	3	8	10	58.9006	1	20	49	24.568	44	32	49.87	4	9010	JUPITER	7360	3	BZ	7797
	9	3	8	11	22.8998	1	20	43	38.805	45	49	42.50	4	9010	JUPITER	7360	6	BZ	7798
	9	3	8	13	40.7015	1	23	19	23.220	68	4	31.05	4	9001	ORGAN PASS	7532	3	SS	7825
	9	3	8	13	44.7013	1	23	18	13.985	68	23	56.94	4	9001	ORGAN PASS	7532	4	SS	7826
	9	3	10	57	51.2908	1	1	43	24.966	69	31	40.54	4	9012	MAUI	7480	3	WS	8043
	9	3	10	58	23.2912	1	1	47	53.935	71	45	3.98	4	9012	MAUI	7480	5	WS	8044
	9	3	15	45	0.5728	10	5	22	44.405	-71	53	15.80	4	9003	WOOMERA	10720	3	SE	8869
	9	3	15	46	4.5717	10	4	38	24.775	-70	30	5.58	4	9003	WOOMERA	10720	11	SE	8379
	9	3	22	3	10.4342	1	21	55	59.051	65	29	38.47	4	9008	SHIRAZ	9143	6	PB	7495
	9	3	22	3	22.4345	1	21	50	45.728	66	16	10.13	4	9008	SHIRAZ	9143	9	CB	7496
	9	4	0	10	20.3779	1	23	32	20.829	-59	23	44.61	4	9002	OLIFANTS	9105	4	PB	7467
	9	4	6	16	37.9934	1	22	10	54.640	62	48	50.40	4	9009	CURACAO	5887	4	SS	7813
	9	4	6	16	45.9932	1	22	8	39.231	63	15	20.42	4	9009	CURACAO	5887	5	SS	7814
	9	4	20	12	27.6351	1	3	7	32.957	61	50	2.90	4	9008	SHIRAZ	9158	7	CB	7497
	9	4	22	17	53.3300	1	3	24	48.571	-49	53	48.10	4	9002	OLIFANTS	9116	6	FI	7468
	9	4	22	18	9.3297	1	3	20	48.417	-49	2	8.40	4	9002	OLIFANTS	9116	8	TJ	7469
	9	4	22	56	48.8292	1	20	44	58.184	51	32	54.61	4	9008	SHIRAZ	9161	5	LE	7498
	9	4	22	57	0.8293	1	20	41	14.880	52	10	44.22	4	9008	SHIRAZ	9161	8	LE	7499
	9	4	22	58	57.0134	1	3	11	11.807	44	6	8.56	4	9004	SAN FERNAN	6458	3	KA	7681
	9	4	22	59	29.0140	1	3	17	27.761	46	8	31.05	4	9004	SAN FERNAN	6458	7	KA	8200
	9	5	1	0	36.6659	1	21	9	58.490	-65	16	9.31	4	9002	OLIFANTS	9117	4	WS	7470
	9	5	1	3	24.8679	1	21	46	39.336	-54	14	3.71	4	9002	OLIFANTS	9117	19	WS	7471
	9	5	1	3	40.8682	1	21	49	1.475	-53	5	36.44	4	9002	OLIFANTS	9117	21	PB	7638
	9	5	1	45	26.0441	1	22	1	17.625	68	16	17.92	4	9004	SAN FERNAN	6460	4	WS	7683
	9	5	1	45	50.0444	1	21	48	13.745	69	54	4.62	4	9004	SAN FERNAN	6460	7	WS	7684
	9	5	7	14	44.5824	1	21	9	1.100	60	37	53.78	4	9010	JUPITER	7372	3	TJ	7799
	9	5	7	15	16.5814	1	20	56	0.889	62	19	23.72	4	9010	JUPITER	7372	7	TJ	7800

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	5	23	11	11.1257	1	2	16	50.925	-64	6	20.33	4	9002	OLIFANTS	9131 8	FI	7473
	9	6	5	23	58.5386	1	2	35	41.577	67	24	41.35	4	9010	JUPITER	7382 5	PB	7801
	9	6	5	24	6.5381	1	2	37	54.080	67	58	47.45	4	9010	JUPITER	7382 6	CB	7802
	9	6	10	54	27.3610	1	1	29	40.487	71	32	28.97	4	9012	MAUI	7512 2	SS	8054
	9	6	10	56	3.3633	1	1	43	16.705	77	56	16.37	4	9012	MAUI	7512 8	SS	8055
	9	6	15	41	0.3510	1	5	42	45.738	-73	36	35.79	4	9003	WOOMERA	10744 8	TJ	9083
	9	6	15	41	16.3507	1	5	30	2.042	-73	25	10.98	4	9003	WOOMERA	10744 10	TJ	8197
	9	7	0	5	10.4234	1	23	19	38.078	-66	9	41.45	4	9002	OLIFANTS	9145 3	KA	7474
	9	7	0	5	34.4243	1	23	20	4.550	-64	18	51.96	4	9002	OLIFANTS	9145 6	KA	7475
	9	7	0	48	28.5554	1	1	14	22.867	73	31	5.95	4	9004	SAN FERNAN	6473 3	BZ	7685
	9	7	0	48	52.5560	1	1	17	28.374	75	30	50.07	4	9004	SAN FERNAN	6473 6	BZ	7686
	9	7	3	31	55.1540	1	20	41	39.758	39	38	37.56	4	9004	SAN FERNAN	6477 3	WS	7687
	9	7	3	32	27.1538	1	20	34	4.939	41	16	2.83	4	9004	SAN FERNAN	6477 7	WS	7688
	9	7	11	49	37.8914	1	21	10	4.335	72	45	45.21	4	9012	MAUI	7527 8	BZ	8056
	9	7	11	50	9.8900	1	20	49	28.685	74	2	34.11	4	9012	MAUI	7527 12	LE	8057
	9	7	20	9	3.4965	1	3	9	7.300	64	14	52.58	4	9008	SHIRAZ	9211 4	LE	7500
	9	7	20	9	23.4968	1	3	15	47.673	65	35	24.96	4	9008	SHIRAZ	9211 9	LE	7501
	9	7	22	14	9.7885	1	3	24	42.789	-51	25	3.69	4	9002	OLIFANTS	9160 4	SE	8045
	9	7	22	14	25.7886	1	3	20	31.497	-50	32	56.08	4	9002	OLIFANTS	9160 6	SE	8349
	9	7	22	53	28.4998	1	20	38	6.056	51	19	12.73	4	9008	SHIRAZ	9214 4	KA	7502
	9	7	22	53	36.5000	1	20	35	37.801	51	43	13.17	4	9008	SHIRAZ	9214 6	KA	7503
	9	7	22	56	43.7848	1	3	32	1.151	50	34	13.28	4	9004	SAN FERNAN	6484 4	CB	7821
	9	7	22	57	7.7851	1	3	38	12.463	52	2	10.11	4	9004	SAN FERNAN	6484 7	CB	8361
	9	8	0	58	55.2933	1	21	34	41.396	-56	39	27.68	4	9002	OLIFANTS	9163 10	CB	8047
	9	8	0	59	48.6467	1	21	43	46.885	-53	0	22.76	4	9002	OLIFANTS	9163 16	CB	8048
	9	8	1	0	32.0984	1	21	49	58.005	-49	55	28.47	4	9002	OLIFANTS	9163 20	WS	8049
	9	8	7	11	23.4853	1	20	56	37.748	60	18	42.02	4	9010	JUPITER	7399 4	KA	7803
	9	8	7	11	31.4854	1	20	53	26.665	60	43	5.36	4	9010	JUPITER	7399 5	KA	7804
	9	8	23	4	46.6053	1	3	25	42.606	-74	1	7.84	4	9002	OLIFANTS	9177 2	HB	8050
	9	8	23	5	50.6064	1	2	47	57.462	-71	1	47.98	4	9002	OLIFANTS	9177 10	HB	8051
	9	8	23	6	54.6073	1	2	19	16.529	-67	27	32.86	4	9002	OLIFANTS	9177 18	HB	8052
	9	8	23	7	42.6075	1	2	2	15.697	-64	27	16.39	4	9002	OLIFANTS	9177 24	HB	8053
	9	8	23	51	42.5355	1	3	31	51.502	66	44	4.46	4	9004	SAN FERNAN	6491 4	NG	9510
	9	8	23	52	6.5362	1	3	43	24.626	68	16	2.39	4	9004	SAN FERNAN	6491 7	PB	7823
	9	9	2	36	10.8585	1	20	23	22.669	55	38	15.16	4	9004	SAN FERNAN	6493 3	HB	7861
	9	9	2	36	26.8585	1	20	16	55.320	56	22	49.45	4	9004	SAN FERNAN	6493 5	HB	7862
	9	9	15	37	41.9104	1	5	29	7.781	-74	49	31.84	4	9003	WOOMERA	10781 3	FI	8198
	9	9	15	38	13.9101	1	5	1	44.490	-74	16	18.40	4	9003	WOOMERA	10781 7	TJ	9084
	9	9	19	10	41.1339	1	3	29	5.066	50	9	49.89	4	9008	SHIRAZ	9253 3	BZ	7504
	9	9	19	11	1.1341	1	3	33	28.555	51	23	55.12	4	9008	SHIRAZ	9253 8	SC	7505
	9	9	21	55	59.3482	1	21	31	54.173	63	46	19.48	4	9008	SHIRAZ	9255 3	SS	7506
	9	9	21	56	15.3486	1	21	24	42.971	64	42	41.47	4	9008	SHIRAZ	9255 7	SS	7507
	9	9	21	57	51.6578	1	20	32	19.909	69	28	51.68	4	9008	SHIRAZ	9256 2	HB	7508
	9	9	21	58	11.6579	1	20	19	21.956	70	15	40.43	4	9008	SHIRAZ	9256 7	HB	7509
	9	10	0	2	2.3491	1	23	7	39.856	-63	11	39.14	4	9002	OLIFANTS	9191 5	HB	7843

CATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	10	0	2	34.3495	1	23	9	2.423	-60	40	6.21	4	9002	OLIFANTS	9191 9	AA	7844
	9	10	6	16	3.4732	1	3	27	22.418	59	39	37.47	4	9001	ORGAN PASS	7585 5	HB	7827
	9	10	6	16	11.4733	1	3	29	52.768	60	11	9.69	4	9001	ORGAN PASS	7585 7	NG	7826
	9	10	9	0	39.0145	1	20	50	11.979	56	35	53.01	4	9001	ORGAN PASS	7587 3	I	2105
	9	10	9	0	51.0147	1	20	45	34.541	57	13	48.28	4	9001	ORGAN PASS	7587 6	FI	7830
	9	10	14	34	58.3720	1	2	27	9.761	71	11	41.73	4	9005	TOKYO	6454 5	FI	7690
	9	10	14	35	30.3728	1	2	40	0.385	73	37	1.87	4	9005	TOKYO	6454 9	FI	8203
	9	10	20	5	29.5415	1	3	6	46.976	66	0	28.65	4	9008	SHIRAZ	9272 2	SC	8026
	9	10	20	5	49.5417	1	3	13	47.543	67	21	42.08	4	9008	SHIRAZ	9272 7	SC	8027
	9	10	22	10	0.3821	1	3	31	30.048	-54	19	15.11	4	9002	OLIFANTS	9205 8	PB	9082
	9	10	22	11	3.1328	1	3	14	12.883	-50	53	53.38	4	9002	OLIFANTS	9205 15	PB	7845
	9	10	22	53	31.3256	1	3	41	32.946	53	20	26.71	4	9004	SAN FERNAN	6511 2	HB	8367
	9	10	22	53	47.3259	1	3	46	9.139	54	18	25.78	4	9004	SAN FERNAN	6511 4	HB	7863
	9	11	0	56	40.2064	1	21	45	41.429	-49	50	50.00	4	9002	OLIFANTS	9206 6	SS	9507
	9	11	1	38	13.4073	1	21	33	52.115	66	38	5.45	4	9004	SAN FERNAN	6514 2	SS	7864
	9	11	1	38	37.4073	1	21	20	19.273	68	5	44.85	4	9004	SAN FERNAN	6514 4	SS	7865
	9	11	7	9	52.5374	1	1	52	15.011	71	35	44.15	4	9001	ORGAN PASS	7601 6	PB	7831
	9	11	15	29	3.8830	1	22	19	28.835	74	54	16.05	4	9005	TOKYO	6461 6	LE	7692
	9	11	23	48	2.3220	1	3	29	7.360	68	6	2.34	4	9004	SAN FERNAN	6523 3	NG	7866
	9	11	23	48	10.3222	1	3	32	58.267	68	37	47.51	4	9004	SAN FERNAN	6523 4	NG	7867
	9	12	2	32	52.9201	1	20	14	43.695	55	22	29.76	4	9004	SAN FERNAN	6526 2	NG	7868
	9	12	2	33	16.9201	1	20	5	3.089	56	23	46.43	4	9004	SAN FERNAN	6526 5	NG	8368
	9	13	6	11	8.4754	1	22	9	54.282	73	52	46.79	4	9010	JUPITER	7445 5	NG	7805
	9	13	11	39	49.5625	1	21	56	9.145	62	48	57.97	4	9012	MAUI	7604 2	FI	8058
	9	13	11	40	21.6055	1	21	44	26.682	64	38	14.86	4	9012	MAUI	7604 4	FI	8059
	9	13	11	41	25.5999	1	21	17	12.558	67	53	19.10	4	9012	MAUI	7605 1	SS	8060
	9	14	18	10	34.1062	3	3	20	5.313	69	48	32.78	4	9006	NAIN TAL	4818 3	LE	7701
	9	14	18	11	14.1082	3	3	39	3.587	72	17	10.80	4	9006	NAIN TAL	4818 8	LE	8351
	9	15	5	14	37.5853	1	2	31	25.000	77	51	7.14	4	9010	JUPITER	7454 11	NG	7806
	9	15	8	1	1.3095	1	21	10	23.235	72	48	28.97	4	9001	ORGAN PASS	7627 6	SE	7832
	9	15	13	33	50.6132	1	3	37	18.920	61	26	18.86	4	9005	TOKYO	6482 13	LE	7693
	9	15	15	32	35.2630	1	3	30	20.850	-73	53	26.86	4	9003	WOOMERA	10811 13	FI	7678
	9	15	16	19	29.9296	1	20	17	8.482	60	57	46.76	4	9005	TOKYO	6483 4	HB	7694
	9	15	16	20	17.9297	1	19	52	52.944	62	48	33.30	4	9005	TOKYO	6483 10	HB	9086
	9	15	23	53	8.4195	1	22	32	51.586	-68	45	16.37	4	9002	OLIFANTS	9266 3	HB	7848
	9	15	23	54	36.4230	1	22	45	2.691	-62	18	9.48	4	9002	OLIFANTS	9266 16	HB	7849
	9	16	6	9	34.2940	1	3	43	14.853	65	36	51.33	4	9001	ORGAN PASS	7639 10	KA	7833
	9	16	6	9	54.2941	1	3	51	50.068	66	50	28.73	4	9001	ORGAN PASS	7639 15	WS	7834
	9	16	8	54	19.1103	1	20	24	8.895	56	52	59.57	4	9001	ORGAN PASS	7640 4	HB	7841
	9	16	8	55	4.9773	1	20	5	24.978	58	46	31.89	4	9001	ORGAN PASS	7640 11	HB	7842
	9	16	11	37	50.7960	1	21	6	55.500	66	48	42.13	4	9012	MAUI	7637 2	HB	7807
	9	16	11	38	38.7953	1	20	43	23.435	68	47	18.57	4	9012	MAUI	7637 5	CB	7808
	9	16	14	29	5.7496	1	2	37	23.780	80	1	50.90	4	9005	TOKYO	6485 11	HB	9508
	9	16	19	59	38.1897	1	3	33	15.767	74	29	51.17	4	9008	SHIRAZ	9345 12	BZ	8028
	9	16	22	2	59.4220	10	3	21	4.891	-56	3	53.85	4	9002	OLIFANTS	9286 11	PB	8365

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	16	22	46	37.5133	1	3	53	43.572	57	13	33.36	4	9004	SAN FERNAN	6546	2	WS	7869
	9	16	22	47	9.5136	1	4	4	52.902	59	6	49.27	4	9004	SAN FERNAN	6546	6	WS	8369
	9	17	0	49	49.2398	1	21	45	56.923	-46	1	44.93	4	9002	OLIFANTS	9287	6	LE	7851
	9	17	7	3	39.9045	1	1	23	7.258	78	33	28.65	4	9001	ORGAN PASS	7648	7	SS	9080
	9	17	7	4	3.9043	1	1	27	15.114	80	21	0.31	4	9001	ORGAN PASS	7648	10	SS	9081
	9	17	22	56	3.8266	1	1	33	0.950	-69	36	42.82	4	9002	OLIFANTS	9303	3	LE	7852
	9	17	22	58	2.3303	1	1	4	33.455	-60	59	14.96	4	9002	OLIFANTS	9303	16	SC	7853
	9	18	4	23	2.5777	1	5	26	7.675	-70	15	30.61	4	9011	VILLA DOLO	6697	6	NG	7815
	9	18	4	23	26.5771	1	5	10	17.394	-69	44	57.85	4	9011	VILLA DOLO	6697	9	NG	7816
	9	18	13	30	40.0512	1	3	48	13.174	64	40	17.40	4	9005	TOKYO	6498	3	SS	9451
	9	18	13	31	12.0507	1	4	2	46.404	66	37	50.44	4	9005	TOKYO	6498	7	SS	9452
	9	18	16	15	48.0168	1	20	17	28.621	59	31	46.64	4	9005	TOKYO	6499	6	NG	9846
	9	18	16	16	48.4143	1	19	48	22.763	61	47	51.79	4	9005	TOKYO	6499	12	NG	9847
	9	18	23	51	4.0741	1	22	36	30.329	-60	54	5.37	4	9002	OLIFANTS	9318	10	LE	7854
	9	19	6	6	18.3763	1	3	52	12.288	68	29	27.49	4	9001	ORGAN PASS	7662	4	KA	7839
	9	19	6	6	26.3762	1	3	56	8.819	68	58	8.04	4	9001	ORGAN PASS	7662	6	NG	8363
	9	19	21	59	31.6856	1	3	13	32.874	-56	44	5.60	4	9002	OLIFANTS	9335	10	CB	7476
	9	20	0	45	19.4104	1	21	37	51.718	-48	28	7.86	4	9002	OLIFANTS	9336	8	CB	7477
	9	20	0	45	35.4112	1	21	40	13.578	-47	24	47.95	4	9002	OLIFANTS	9336	10	LE	7639
	9	20	22	53	43.3069	1	0	57	53.745	-64	24	53.55	4	9002	OLIFANTS	9350	3	KA	7478
	9	20	22	54	47.6091	1	0	47	33.238	-59	20	31.11	4	9002	OLIFANTS	9350	10	KA	7479
	9	20	23	38	39.7625	1	4	26	8.919	78	12	4.44	4	9004	SAN FERNAN	6574	3	SE	7870
	9	20	23	38	55.7629	1	4	44	24.740	78	57	19.02	4	9004	SAN FERNAN	6574	5	SE	7871
	9	21	2	22	28.0919	1	20	5	43.008	53	10	10.76	4	9004	SAN FERNAN	6576	3	MJ	7872
	9	21	2	22	52.0915	1	19	56	50.150	54	4	31.86	4	9004	SAN FERNAN	6576	6	MJ	7873
	9	21	4	21	38.5299	1	4	1	19.672	-67	30	9.41	4	9011	VILLA DOLO	6736	4	CB	7817
	9	21	4	22	26.5291	1	3	36	43.884	-65	14	33.17	4	9011	VILLA DOLO	6736	10	CB	7818
	9	21	7	52	49.4883	1	21	22	36.191	67	33	3.74	4	9001	ORGAN PASS	7682	2	SE	7835
	9	21	7	53	29.4888	1	20	58	34.855	69	35	14.48	4	9001	ORGAN PASS	7682	7	PB	7836
	9	21	18	57	59.5532	1	4	7	23.680	62	6	2.01	4	9008	SHIRAZ	9404	4	BZ	8029
	9	21	18	58	11.5533	1	4	11	52.262	62	46	7.95	4	9008	SHIRAZ	9404	7	WS	8030
	9	21	23	47	59.6249	1	22	32	49.926	-57	18	4.72	4	9002	OLIFANTS	9371	10	WS	7480
	9	21	23	48	31.6253	1	22	36	18.372	-54	48	9.07	4	9002	OLIFANTS	9371	14	WS	7481
	9	22	19	52	41.1517	1	3	27	20.333	78	39	42.70	4	9008	SHIRAZ	9421	4	SE	8031
	9	22	19	52	57.1520	1	3	40	28.547	79	35	3.38	4	9008	SHIRAZ	9421	8	SE	8032
	9	22	21	55	58.3376	1	3	6	40.925	-57	40	36.35	4	9002	OLIFANTS	9388	7	CB	7482
	9	22	21	56	54.3376	1	2	50	28.870	-54	11	7.78	4	9002	OLIFANTS	9388	14	CB	7483
	9	23	0	42	36.6829	1	21	45	13.135	-43	47	14.70	4	9002	OLIFANTS	9390	12	NG	7484
	9	23	0	42	52.6828	1	21	47	12.469	-42	43	15.65	4	9002	OLIFANTS	9390	14	NG	7485
	9	23	22	49	50.1911	1	0	44	58.483	-65	41	30.73	4	9002	OLIFANTS	9406	5	NG	7486
	9	23	22	50	30.1910	1	0	39	16.390	-62	34	15.39	4	9002	OLIFANTS	9406	10	PB	7487
	9	24	4	15	3.2743	1	6	4	2.036	-73	43	31.27	4	9011	VILLA DOLO	6775	6	TJ	9848
	9	24	4	15	51.2733	1	5	25	15.404	-73	3	25.56	4	9011	VILLA DOLO	6775	9	PB	8362
	9	24	23	43	11.8276	1	22	15	55.535	-61	24	8.33	4	9002	OLIFANTS	9422	2	PB	7488
	9	24	23	43	51.8293	1	22	22	20.720	-58	28	37.10	4	9002	OLIFANTS	9422	7	LE	7489

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1962	9	24	23	45	22.2506	1	22	33	12.152	-51	30	44.23	4	9002	OLIFANTS	9422	17	LE	7490
	9	25	21	50	38.8427	1	3	37	22.396	-64	26	19.45	4	9002	OLIFANTS	9439	12	LE	7491
	9	26	15	11	28.2696	1	20	36	25.109	71	18	13.45	4	9005	TOKYO	6525	3	KA	7697
	9	26	15	13	20.2706	1	18	57	33.601	74	9	29.04	4	9005	TOKYO	6525	10	KA	7698
	9	26	22	47	4.9239	1	0	23	50.821	-61	26	54.07	4	9002	OLIFANTS	9456	3	KA	7492
	9	26	22	48	0.9259	1	0	19	14.842	-56	45	39.86	4	9002	OLIFANTS	9456	10	LE	7493
	9	26	23	31	0.3109	1	3	48	28.614	80	4	25.98	4	9004	SAN FERNAN	6598	3	SS	8370
	9	26	23	31	16.3108	1	4	7	23.646	80	58	50.69	4	9004	SAN FERNAN	6598	7	KA	7875
	9	27	4	12	24.8129	1	5	15	10.439	-74	17	8.21	4	9011	VILLA DOLO	6806	3	HB	8360
	9	27	4	12	56.8127	1	4	48	41.542	-73	28	17.29	4	9011	VILLA DOLO	6806	7	HB	7820
	9	27	13	21	1.0795	1	4	31	22.869	73	37	48.64	4	9005	TOKYO	6540	5	NG	7809
	9	27	13	21	9.0795	1	4	37	36.299	74	2	10.21	4	9005	TOKYO	6540	6	NG	7810
	9	28	0	24	38.0865	1	20	52	45.964	79	30	43.39	4	9004	SAN FERNAN	6612	3	SS	8035
	9	28	0	24	54.0865	1	20	29	56.530	80	5	33.79	4	9004	SAN FERNAN	6612	5	SS	8036
	9	28	14	14	2.0265	1	0	13	24.660	81	0	6.97	4	9005	TOKYO	6555	5	BZ	8358
	9	28	14	14	34.0263	1	23	56	11.024	83	21	20.70	4	9005	TOKYO	6555	9	BZ	8359
	9	28	21	44	6.5187	1	5	8	30.801	-72	14	42.43	4	9002	OLIFANTS	9478	10	SE	7855
	9	28	21	44	14.5187	1	5	3	5.683	-72	3	13.04	4	9002	OLIFANTS	9478	11	SE	8366
	9	28	21	47	53.7291	1	3	9	20.440	-62	53	58.27	4	9002	OLIFANTS	9479	14	BZ	7857
	9	28	21	49	30.6491	1	2	38	13.797	-56	50	2.56	4	9002	OLIFANTS	9479	18	SE	7858
	9	28	22	33	35.1126	1	4	45	18.279	67	48	2.31	4	9004	SAN FERNAN	6622	2	TJ	8037
	9	28	22	34	7.1122	1	5	5	0.892	69	17	5.40	4	9004	SAN FERNAN	6622	6	TJ	8038
	9	29	14	20	0.3333	1	4	48	9.040	-67	57	47.89	4	9003	WOOMERA	10946	5	NG	7679
	9	29	14	21	20.3316	1	4	5	33.848	-64	50	18.11	4	9003	WOOMERA	10946	15	NG	7680
	9	29	23	28	5.5652	1	4	43	9.174	83	53	49.31	4	9004	SAN FERNAN	6633	4	FI	8039
	9	29	23	28	29.5658	1	5	42	46.137	84	45	34.10	4	9004	SAN FERNAN	6633	7	FI	8331
	9	30	7	43	34.9968	1	20	3	17.358	67	47	33.69	4	9001	ORGAN PASS	7726	3	KA	7840
	9	30	20	51	8.3052	1	3	53	52.628	-48	48	37.18	4	9002	OLIFANTS	9492	4	SE	7859
	9	30	20	51	24.3048	1	3	49	56.158	-47	57	50.57	4	9002	OLIFANTS	9492	6	SS	7860
	9	30	23	37	58.0275	1	22	23	1.476	-50	3	1.66	4	9002	OLIFANTS	9494	5	KA	8033
	9	30	23	38	46.0281	1	22	28	3.860	-46	19	1.96	4	9002	OLIFANTS	9494	11	KA	8034
	10	1	14	11	5.5610	1	22	48	22.218	83	48	7.84	4	9005	TOKYO	6583	4	KA	9886
	10	1	14	11	53.5614	1	20	51	50.736	86	12	55.04	4	9005	TOKYO	6583	10	KA	9887
	10	1	22	30	21.5094	1	5	5	7.514	70	23	37.00	4	9004	SAN FERNAN	6654	4	PB	1050
	10	1	22	30	45.5098	1	5	22	24.220	71	23	4.30	4	9004	SAN FERNAN	6654	7	PB	9496
	10	2	14	16	13.6111	1	4	51	32.505	-69	40	35.12	4	9003	WOOMERA	10981	4	SS	9331
	10	2	14	16	29.6109	1	4	41	32.892	-69	8	57.63	4	9003	WOOMERA	10981	6	SS	9332
	10	2	15	3	32.0482	1	20	50	10.116	66	55	43.17	4	9005	TOKYO	6600	4	KA	9888
	10	2	15	4	52.0504	1	19	55	57.352	69	52	33.24	4	9005	TOKYO	6600	9	KA	9889
	10	3	4	11	54.9921	1	3	17	25.614	-65	35	0.27	4	9007	AREQUIPA	7169	6	LE	9497
	10	3	4	12	42.9913	1	3	1	19.407	-63	10	42.49	4	9007	AREQUIPA	7169	9	LE	252
	10	4	16	4	38.8963	1	21	32	40.215	-70	28	51.12	4	9003	WOOMERA	11001	3	HB	9482
	10	4	16	5	10.8954	1	21	45	35.386	-68	28	40.60	4	9003	WOOMERA	11001	7	HB	1048
	10	6	20	45	51.7364	1	3	22	31.929	-44	4	11.87	4	9002	OLIFANTS	9505	6	SS	9588
	10	6	20	46	30.0900	1	3	14	37.363	-41	32	5.39	4	9002	OLIFANTS	9505	9	SS	9589

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1962	10	6	23	32	22.2646	1	22	26	51.807	-40	14	33.20	4	9002	OLIFANTS	9507 9	HB	9590
	10	6	23	32	30.2647	1	22	27	32.609	-39	37	17.13	4	9002	OLIFANTS	9507 10	HB	9591
	10	7	16	0	51.7048	1	21	23	49.820	-69	40	23.98	4	9003	WOOMERA	11028 5	HB	9333
	10	7	16	1	23.7036	1	21	37	4.681	-67	44	1.19	4	9003	WOOMERA	11028 9	HB	9334
	10	7	21	38	40.5514	1	2	7	45.064	-59	11	0.15	4	9002	OLIFANTS	9522 3	HB	9592
	10	7	21	39	27.8546	1	1	56	47.493	-55	33	33.23	4	9002	OLIFANTS	9522 8	BZ	9593
	10	8	5	50	43.6880	1	21	9	4.165	-63	58	37.01	4	9011	VILLA DOLO	6893 4	FI	240
	10	8	5	51	15.6865	1	21	20	23.868	-62	6	46.63	4	9011	VILLA DOLO	6893 8	FI	9481
	10	8	14	8	9.9642	1	5	21	21.750	-73	52	55.70	4	9003	WOOMERA	11039 4	HB	9483
	10	8	14	9	29.9626	1	4	21	10.198	-71	21	52.02	4	9003	WOOMERA	11039 14	HB	9484
	10	8	22	33	48.3744	1	23	35	50.086	-53	1	37.42	4	9002	OLIFANTS	9534 5	NG	9594
	10	8	22	34	15.3749	1	23	36	17.272	-50	39	3.07	4	9002	OLIFANTS	9534 8	BZ	9595
	10	9	3	59	4.1544	1	3	30	37.254	-77	20	53.14	4	9011	VILLA DOLO	6904 3	FI	2179
	10	9	20	42	24.7124	1	3	17	3.647	-44	22	55.82	4	9002	OLIFANTS	9546 2	BZ	9596
	10	9	20	43	12.7127	1	3	7	15.059	-41	4	8.24	4	9002	OLIFANTS	9546 8	BZ	9597
	10	10	21	36	17.1028	1	1	40	34.559	-53	52	27.27	4	9002	OLIFANTS	9558 3	BZ	9598
	10	10	21	37	13.1038	1	1	31	15.060	-49	4	31.18	4	9002	OLIFANTS	9558 9	BZ	9599
	10	11	22	31	32.7929	1	23	29	26.769	-44	54	53.83	4	9002	OLIFANTS	9572 9	SS	9600
	10	11	22	31	44.7932	1	23	29	41.499	-43	49	29.35	4	9002	OLIFANTS	9572 12	SS	9601
	10	12	20	39	16.4154	1	3	6	58.585	-43	19	45.05	4	9002	OLIFANTS	9581 3	SS	9602
	10	12	20	40	32.0375	1	2	52	35.189	-37	42	49.97	4	9002	OLIFANTS	9581 16	SS	9603
	10	13	21	34	13.2452	1	1	16	0.485	-45	53	13.91	4	9002	OLIFANTS	9595 15	TJ	9455
	10	13	21	34	21.2458	1	1	15	1.809	-45	8	39.71	4	9002	OLIFANTS	9595 17	TJ	9456
	10	14	2	57	36.8127	1	5	8	8.795	-66	45	10.49	4	9011	VILLA DOLO	6928 2	NG	1047
	10	14	2	58	24.8115	1	4	42	21.349	-65	2	29.78	4	9011	VILLA DOLO	6928 8	NG	9438
	10	14	5	44	55.9130	10	21	36	17.502	-56	9	3.16	4	9011	VILLA DOLO	6931 4	LE	9838
	10	14	5	45	19.9132	10	21	42	9.190	-54	37	14.49	4	9011	VILLA DOLO	6931 7	LE	9436
	10	14	14	2	32.7714	1	3	48	58.505	-73	10	48.92	4	9003	WOOMERA	11094 6	HB	1049
	10	14	14	2	48.7715	1	3	38	16.711	-72	23	28.87	4	9003	WOOMERA	11094 10	HB	2180
	10	15	3	52	21.2383	1	2	18	29.895	-77	14	48.12	4	9011	VILLA DOLO	6953 2	WS	9434
	10	15	3	52	53.2376	1	2	1	18.976	-75	8	35.24	4	9011	VILLA DOLO	6953 6	WS	9435
	10	15	14	56	29.9296	1	23	19	52.856	-76	16	51.23	4	9003	WOOMERA	11115 4	SC	9487
	10	15	14	56	49.9294	1	23	24	1.419	-74	50	5.82	4	9003	WOOMERA	11115 8	SC	9488
	10	15	23	21	35.9674	1	22	22	50.669	-36	50	58.36	4	9002	OLIFANTS	9628 4	BZ	238
	10	15	23	22	7.9684	1	22	25	32.374	-34	30	12.18	4	9002	OLIFANTS	9628 8	BZ	9458
	10	16	15	50	59.9950	1	21	39	2.924	-61	50	55.61	4	9003	WOOMERA	11125 2	LE	9834
	10	16	15	51	15.9949	1	21	43	49.373	-60	49	44.43	4	9003	WOOMERA	11125 6	SS	9835
	10	16	21	30	33.9210	1	1	6	12.658	-46	6	20.33	4	9002	OLIFANTS	9642 4	BZ	9459
	10	16	21	31	33.4594	1	1	0	11.339	-40	25	36.77	4	9002	OLIFANTS	9642 11	BZ	9460
	10	17	19	39	7.7907	1	3	37	27.108	-31	1	48.78	4	9002	OLIFANTS	9658 10	BZ	9461
	10	17	19	39	46.1244	1	3	31	45.602	-28	33	41.64	4	9002	OLIFANTS	9658 14	SE	9462
	10	17	22	24	8.2850	1	23	16	5.693	-43	59	30.19	4	9002	OLIFANTS	9661 4	SE	9463
	10	17	22	24	40.2864	1	23	17	26.669	-41	9	5.70	4	9002	OLIFANTS	9661 8	SE	9464
	10	18	20	33	52.1907	1	2	36	20.769	-36	19	36.28	4	9002	OLIFANTS	9678 5	SE	9465
	10	18	20	34	24.1906	1	2	31	16.376	-33	37	0.85	4	9002	OLIFANTS	9678 9	CB	9466

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS. ID.
1962	10	18	23	18	52.2239	1	22	26	36.736	-32	2	16.94	4	9002	OLIFANTS	9682	7	SS	9467
	10	18	23	19	41.1445	1	22	30	2.448	-28	30	40.27	4	9002	OLIFANTS	9682	12	SS	9468
	10	19	4	43	49.9607	1	22	24	18.714	-65	32	59.19	4	9011	VILLA DOLO	7001	8	FI	9473
	10	19	21	27	19.6317	1	0	54	2.632	-43	48	13.88	4	9002	OLIFANTS	9703	9	SS	9469
	10	19	21	27	43.6322	1	0	52	0.170	-41	29	5.95	4	9002	OLIFANTS	9703	12	SS	9470
	10	20	2	51	46.2961	1	4	14	52.206	-66	8	12.25	4	9011	VILLA DOLO	7027	3	FI	9477
	10	20	2	52	18.2952	1	3	59	5.025	-64	31	32.33	4	9011	VILLA DOLO	7027	7	FI	9478
	10	20	5	37	18.2732	1	21	32	3.899	-55	3	53.78	4	9011	VILLA DOLO	7029	3	FI	239
	10	20	5	37	50.2738	1	21	39	53.112	-53	6	48.17	4	9011	VILLA DOLO	7029	7	FI	9476
	10	20	6	24	34.9869	1	20	2	43.791	73	35	53.39	4	9001	ORGAN PASS	7935	4	SC	9617
	10	20	6	24	54.9868	1	19	45	2.543	73	59	37.07	4	9001	ORGAN PASS	7935	9	NG	9618
	10	20	13	56	29.6368	1	2	35	44.438	-71	0	43.09	4	9003	WOOMERA	11147	9	KA	9424
	10	20	19	36	48.8973	1	3	25	4.266	-26	28	33.79	4	9002	OLIFANTS	9716	7	CB	9471
	10	20	19	37	4.8974	1	3	22	52.772	-25	22	11.18	4	9002	OLIFANTS	9716	9	CB	9472
	10	20	22	21	56.1717	1	23	14	24.912	-35	29	54.43	4	9002	OLIFANTS	9719	4	KA	251
	10	20	22	22	12.1723	1	23	14	58.367	-34	4	29.36	4	9002	OLIFANTS	9719	6	KA	9492
	10	21	3	45	16.3880	1	1	17	11.547	-77	7	2.53	4	9011	VILLA DOLO	7046	3	FI	9474
	10	21	3	45	56.3871	1	1	6	42.701	-74	10	36.75	4	9011	VILLA DOLO	7046	8	FI	4855
	10	23	2	47	18.1021	1	4	37	38.642	-69	42	33.18	4	9011	VILLA DOLO	7086	3	KA	9604
	10	23	2	47	50.1015	1	4	18	22.471	-68	19	4.77	4	9011	VILLA DOLO	7086	7	KA	9605
	10	23	5	34	15.9658	1	21	41	50.401	-51	43	54.40	4	9011	VILLA DOLO	7089	3	KA	9606
	10	23	5	34	47.9659	1	21	48	38.444	-49	44	37.44	4	9011	VILLA DOLO	7089	7	KA	9607
	10	23	22	18	17.1351	1	23	10	6.704	-34	45	39.00	4	9002	OLIFANTS	9743	3	KA	9493
	10	23	22	19	25.0740	1	23	12	35.140	-28	49	5.95	4	9002	OLIFANTS	9743	11	KA	9494
	10	24	14	46	9.4753	1	22	41	58.453	-70	40	18.45	4	9003	WOOMERA	11186	2	PB	9489
	10	24	14	46	37.4749	1	22	49	43.970	-68	38	24.78	4	9003	WOOMERA	11186	9	PB	9490
	10	24	20	28	16.2807	1	2	9	31.590	-28	30	32.55	4	9002	OLIFANTS	9760	6	SS	9324
	10	25	12	55	21.5429	1	4	17	3.244	-61	10	3.92	4	9003	WOOMERA	11212	2	KA	9426
	10	25	12	55	37.5427	1	4	10	29.614	-60	20	19.64	4	9003	WOOMERA	11212	6	KA	9427
	10	25	13	40	6.5604	1	21	32	14.550	69	41	26.19	4	9005	TOKYO	6710	2	SC	1733
	10	25	13	42	46.5627	1	19	16	20.797	74	29	13.28	4	9005	TOKYO	6710	12	CB	1734
	10	25	15	41	12.5516	1	21	54	13.680	-53	44	52.66	4	9003	WOOMERA	11219	4	CB	9428
	10	25	15	41	52.5510	1	22	2	33.306	-51	5	1.86	4	9003	WOOMERA	11219	9	CB	9429
	10	25	21	20	49.0495	1	0	32	41.937	-38	51	49.28	4	9002	OLIFANTS	9778	2	SS	9325
	10	25	21	22	23.8363	1	0	28	6.564	-29	22	38.51	4	9002	OLIFANTS	9778	12	SS	9326
	10	27	20	23	46.3942	1	2	9	42.116	-33	44	23.98	4	9002	OLIFANTS	9803	9	SS	9327
	10	27	20	23	54.3945	1	2	8	35.816	-32	59	46.34	4	9002	OLIFANTS	9803	10	SS	9328
	10	28	1	48	26.0781	1	4	24	20.457	-51	58	30.16	4	9011	VILLA DOLO	7170	3	KA	241
	10	28	1	49	6.0776	1	4	12	23.340	-49	46	29.40	4	9011	VILLA DOLO	7170	8	KA	9608
	10	28	4	33	25.9771	1	22	17	17.127	-59	31	47.53	4	9011	VILLA DOLO	7175	3	CB	9609
	10	28	4	34	5.9767	1	22	26	11.840	-56	36	14.03	4	9011	VILLA DOLO	7175	8	CB	9610
	10	28	15	38	14.1284	1	22	2	26.329	-49	56	55.45	4	9003	WOOMERA	11249	2	CB	9430
	10	28	15	39	10.1271	1	22	12	14.292	-46	9	10.78	4	9003	WOOMERA	11249	8	CB	9636
	10	28	21	18	10.2907	1	0	22	7.333	-32	33	26.44	4	9002	OLIFANTS	9821	6	SS	9329
	10	28	21	18	34.2918	1	0	21	15.360	-30	9	11.30	4	9002	OLIFANTS	9821	9	SS	9330

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1962	10	29	2	40	33.9998	1	4	0	42.232	-70	53	48.53	4	9011	VILLA DOLO	7194 3	CB	9611
	10	29	2	41	21.9990	1	3	33	37.975	-68	15	49.87	4	9011	VILLA DOLO	7194 9	CB	9612
	10	29	2	46	11.3504	1	3	32	11.253	-61	9	7.23	4	9007	AREQUIPA	7418 3	NG	9884
	10	29	2	46	43.3511	1	3	22	52.568	-59	24	9.69	4	9007	AREQUIPA	7418 7	NG	9885
	10	29	13	45	49.0637	1	1	33	1.750	-71	22	59.12	4	9003	WOOMERA	11269 2	WS	9432
	10	29	13	46	13.0633	1	1	27	16.383	-69	31	44.40	4	9003	WOOMERA	11269 7	WS	9837
	10	29	19	19	12.5558	1	4	45	19.509	-52	59	14.62	4	9002	OLIFANTS	9828 5	SS	9833
	10	30	3	36	1.5105	1	0	4	18.309	-68	14	10.30	4	9011	VILLA DOLO	7221 3	WS	9613
	10	30	3	36	21.5103	1	0	5	5.565	-66	34	41.32	4	9011	VILLA DOLO	7221 8	WS	242
	10	31	1	44	19.8258	10	4	32	13.428	-54	38	48.45	4	9011	VILLA DOLO	7245 3	WS	9614
	10	31	1	44	51.8250	10	4	21	38.393	-52	57	40.53	4	9011	VILLA DOLO	7245 7	WS	9615
	10	31	4	30	17.8122	1	22	21	9.236	-56	5	38.24	4	9011	VILLA DOLO	7247 3	SC	9616
	10	31	4	30	41.8117	1	22	26	1.989	-54	19	45.62	4	9011	VILLA DOLO	7247 6	SC	243
	11	1	2	38	10.4171	1	3	8	27.871	-63	38	2.62	4	9011	VILLA DOLO	7254 4	VD	2776
	11	1	2	38	34.4167	1	2	58	18.661	-66	1	3.67	4	9011	VILLA DOLO	7254 7	VD	2777
	11	1	13	43	16.0110	1	1	2	48.116	-66	7	52.07	4	9003	WOOMERA	11311 4	DM	2621
	11	1	13	43	40.0107	1	0	59	59.866	-64	6	11.42	4	9003	WOOMERA	11311 10	DM	2622
	11	1	22	11	19.4256	1	23	8	56.136	-13	7	42.46	4	9002	OLIFANTS	9853 7	RD	2608
	11	2	3	32	41.2238	1	23	51	6.744	-65	58	18.23	4	9011	VILLA DOLO	7268 3	MW	2778
	11	2	3	33	5.2233	1	23	52	54.710	-63	57	15.05	4	9011	VILLA DOLO	7268 6	MW	4108
	11	2	14	36	59.8232	1	22	44	10.340	-59	10	49.54	4	9003	WOOMERA	11329 2	HC	2623
	11	2	14	37	19.8231	1	22	47	54.475	-57	37	43.48	4	9003	WOOMERA	11329 7	HC	2624
	11	3	4	31	50.8123	1	22	40	33.224	-52	11	30.04	4	9007	AREQUIPA	7510 6	BO	4179
	11	3	4	31	58.8122	1	22	41	23.954	-51	37	46.41	4	9007	AREQUIPA	7510 7	BO	4180
	11	3	12	45	27.8877	1	3	33	44.443	-61	20	40.42	4	9003	WOOMERA	11344 3	HC	2625
	11	3	12	45	43.8873	1	3	27	49.460	-60	17	55.94	4	9003	WOOMERA	11344 7	HC	2626
	11	3	15	31	50.4667	1	22	12	29.781	-44	14	53.45	4	9003	WOOMERA	11348 3	YK	2627
	11	3	15	31	58.4666	1	22	13	43.896	-43	42	59.10	4	9003	WOOMERA	11348 5	YK	2628
	11	4	2	37	22.8815	1	3	47	7.531	-68	1	58.56	4	9007	AREQUIPA	7526 3	BO	4181
	11	4	2	37	51.4641	1	3	35	55.229	-66	39	42.12	4	9007	AREQUIPA	7526 6	BO	7867
	11	4	13	39	57.7848	1	0	45	25.066	-64	8	0.73	4	9003	WOOMERA	11366 2	YK	2629
	11	4	13	40	13.7846	1	0	44	23.791	-62	44	50.91	4	9003	WOOMERA	11366 6	YK	2630
	11	4	19	21	46.7749	1	2	49	18.313	-14	11	20.10	4	9002	OLIFANTS	9875 4	GL	2609
	11	4	19	22	58.7740	1	2	41	47.767	-	8	6 11.38	4	9002	OLIFANTS	9875 13	GL	2610
	11	4	22	7	58.1109	1	23	7	43.096	-11	27	46.03	4	9002	OLIFANTS	9881 5	DM	2617
	11	4	22	9	7.8483	1	23	8	46.679	-	6	17 44.02	4	9002	OLIFANTS	9881 13	DM	2618
	11	4	22	44	32.9379	1	18	59	35.287	76	56	45.44	4	9004	SAN FERNAN	6807 3	PK	2874
	11	4	22	44	56.9382	1	18	32	40.368	76	50	24.67	4	9004	SAN FERNAN	6807 8	PK	2875
	11	5	0	46	1.8844	1	4	13	57.305	-35	44	7.27	4	9011	VILLA DOLO	7292 4	MW	2780
	11	5	0	46	25.8840	1	4	9	29.508	-34	19	49.67	4	9011	VILLA DOLO	7292 7	MW	2781
	11	5	3	32	58.1838	1	0	18	5.732	-66	15	14.60	4	9007	AREQUIPA	7541 2	BO	4758
	11	5	3	33	6.1832	1	0	17	55.743	-65	41	22.20	4	9007	AREQUIPA	7541 3	BO	4863
	11	5	11	50	8.7948	1	3	57	50.104	-41	48	9.77	4	9003	WOOMERA	11377 3	YK	4680
	11	5	11	50	28.7946	1	3	53	26.808	-40	29	27.15	4	9003	WOOMERA	11377 8	YK	2632
	11	6	13	27	26.7148	1	19	59	16.329	68	5	22.25	4	9005	TOKYO	6778 5	RU	2807

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	6	13	28	25.6500	1	19	19	21.426	68	59	35.89	4	9005	TOKYO	6778 11	RO	4787
	11	6	21	11	21.7616	1	23	58	20.766	- 7	41	6.30	4	9002	OLIFANTS	9911 16	DM	2619
	11	6	21	12	1.7623	1	23	57	31.949	- 4	8	52.60	4	9002	OLIFANTS	9911 21	DM	2620
	11	7	13	36	3.7525	1	0	31	26.625	-65	0	41.95	4	9003	WOOMERA	11395 2	BN	4681
	11	7	13	36	15.7523	1	0	31	10.956	-63	58	52.99	4	9003	WOOMERA	11395 5	BN	2633
	11	8	0	42	25.5946	1	4	13	54.789	-36	26	45.44	4	9011	VILLA DOLO	7311 5	MW	2782
	11	8	0	42	49.5941	1	4	9	19.745	-35	0	25.90	4	9011	VILLA DOLO	7311 8	MW	2783
	11	8	11	45	45.9124	1	4	6	29.352	-45	39	39.68	4	9003	WOOMERA	11411 2	DM	4099
	11	8	11	46	1.9122	1	4	2	32.407	-44	38	49.31	4	9003	WOOMERA	11411 6	DM	4100
	11	8	14	30	53.2940	1	22	47	55.125	-51	17	29.07	4	9003	WOOMERA	11414 4	HC	4101
	11	8	14	31	17.2938	1	22	51	24.727	-49	23	25.68	4	9003	WOOMERA	11414 10	HC	4102
	11	8	20	49	20.4610	1	6	11	36.231	75	51	11.53	4	9004	SAN FERNAN	6811 6	PL	2876
	11	8	20	49	36.4609	1	6	28	17.507	76	19	36.96	4	9004	SAN FERNAN	6811 8	PL	2877
	11	9	1	35	32.8527	1	3	42	37.259	-50	27	56.66	4	9011	VILLA DOLO	7333 4	MY	2784
	11	9	1	35	48.8522	1	3	38	14.671	-49	20	41.70	4	9011	VILLA DOLO	7333 6	MY	2785
	11	9	4	21	41.5089	1	22	39	14.839	-42	20	18.95	4	9011	VILLA DOLO	7337 3	VD	2786
	11	9	4	22	13.5088	1	22	43	9.681	-39	56	1.67	4	9011	VILLA DOLO	7337 7	VD	2787
	11	10	2	29	10.5077	1	1	50	34.878	-60	31	59.11	4	9011	VILLA DOLO	7352 3	MW	2788
	11	10	2	29	42.5066	1	1	44	39.954	-57	43	28.02	4	9011	VILLA DOLO	7352 7	MW	2789
	11	10	13	33	38.1671	1	0	18	25.162	-57	58	59.48	4	9003	WOOMERA	11434 2	BN	2864
	11	10	13	34	14.1665	1	0	18	39.684	-54	41	12.52	4	9003	WOOMERA	11434 11	BN	2865
	11	10	22	36	56.4207	1	19	26	32.533	73	57	59.39	4	9004	SAN FERNAN	6820 6	DM	2878
	11	11	3	23	36.1919	1	23	32	17.923	-53	38	26.76	4	9011	VILLA DOLO	7367 4	MW	2790
	11	11	3	24	16.1914	1	23	35	44.509	-50	4	58.03	4	9011	VILLA DOLO	7367 9	MW	3110
	11	11	14	29	26.3534	1	23	1	7.214	-39	38	46.37	4	9003	WOOMERA	11449 5	BN	4785
	11	11	14	29	34.3532	1	23	1	52.563	-38	59	41.66	4	9003	WOOMERA	11449 7	BN	4103
	11	12	1	32	47.2728	1	3	23	25.308	-47	36	48.54	4	9011	VILLA DOLO	7377 3	MW	3111
	11	12	1	33	27.2718	1	3	14	2.343	-44	28	50.53	4	9011	VILLA DOLO	7377 8	MW	5296
	11	12	4	17	36.6550	1	22	35	3.031	-43	15	21.08	4	9011	VILLA DOLO	7382 3	LD	2792
	11	12	4	18	8.6552	1	22	39	18.610	-40	55	4.83	4	9011	VILLA DOLO	7382 7	LD	3112
	11	12	12	36	34.2996	1	2	27	32.200	-54	46	10.12	4	9003	WOOMERA	11461 4	BN	2867
	11	12	12	36	58.2992	1	2	22	18.729	-52	42	9.46	4	9003	WOOMERA	11461 10	BN	2868
	11	12	18	50	23.1392	1	20	30	47.921	69	27	15.10	4	9008	SHIRAZ	10031 9	HC	2758
	11	13	2	30	59.8563	1	1	59	46.369	-53	8	15.59	4	9007	AREQUIPA	7605 5	BO	4185
	11	13	13	30	46.0332	1	0	9	12.424	-52	59	53.22	4	9003	WOOMERA	11476 3	MW	4104
	11	13	13	31	26.0325	1	0	10	5.066	-49	14	49.49	4	9003	WOOMERA	11476 13	MW	4786
	11	13	16	57	45.7217	1	20	58	30.665	68	37	41.59	4	9006	NAIN TAL	5332 9	BO	4193
	11	13	16	58	1.7225	1	20	48	35.544	69	8	22.97	4	9006	NAIN TAL	5332 11	BO	4194
	11	13	16	58	17.7231	1	20	38	22.446	69	36	21.40	4	9006	NAIN TAL	5332 13	BO	4195
	11	14	0	36	29.0022	1	3	58	4.526	-33	0	33.47	4	9011	VILLA DOLO	7388 3	LD	2794
	11	14	0	37	49.0016	1	3	44	37.972	-27	30	28.11	4	9011	VILLA DOLO	7388 8	LD	3113
	11	14	3	21	35.2173	1	23	34	11.946	-43	55	51.64	4	9011	VILLA DOLO	7396 3	PK	2795
	11	14	3	21	59.2161	1	23	35	45.477	-41	45	8.71	4	9011	VILLA DOLO	7396 6	PK	3114
	11	14	11	40	12.8293	1	3	36	38.795	-40	29	2.82	4	9003	WOOMERA	11482 4	MW	2870
	11	14	11	40	40.8291	1	3	30	54.310	-38	21	44.80	4	9003	WOOMERA	11482 11	MW	2871

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	15	1	29	22.1489	1	3	14	2.746	-47	27	44.11	4	9011	VILLA DOLO	7409	2	GL	2797
	11	15	1	29	54.1480	1	3	6	45.420	-44	51	40.46	4	9011	VILLA DOLO	7409	6	GL	2798
	11	15	1	33	54.6399	1	3	31	16.317	-43	5	56.87	4	9007	AREQUIPA	7615	3	BO	7868
	11	15	1	34	4.1911	1	3	29	34.937	-42	26	11.34	4	9007	AREQUIPA	7615	4	BO	4760
	11	15	1	34	23.2463	1	3	26	17.910	-41	5	43.89	4	9007	AREQUIPA	7615	6	BO	4761
	11	15	1	34	51.8745	1	3	21	34.797	-39	1	22.74	4	9007	AREQUIPA	7615	9	BO	4190
	11	15	12	33	56.2142	1	2	5	14.781	-49	50	22.40	4	9003	WOOMERA	11492	2	MW	4106
	11	15	12	34	36.2134	1	1	58	52.665	-46	5	18.45	4	9003	WOOMERA	11492	12	MW	4107
	11	15	21	35	53.5527	1	19	9	28.853	86	13	37.82	4	9004	SAN FERNAN	6862	7	DM	2879
	11	16	2	23	27.4299	1	1	13	18.124	-51	54	32.55	4	9011	VILLA DOLO	7417	3	VD	2799
	11	16	2	23	59.4289	1	1	10	34.719	-48	48	7.71	4	9011	VILLA DOLO	7417	7	VD	2800
	11	16	2	27	56.1934	1	1	43	34.003	-50	32	27.29	4	9007	AREQUIPA	7625	5	BO	4191
	11	16	2	28	52.1916	1	1	36	50.503	-45	43	4.77	4	9007	AREQUIPA	7625	12	BO	4192
	11	16	10	44	24.3155	1	3	57	6.412	-25	8	5.45	4	9003	WOOMERA	11498	4	DU	2872
	11	16	10	44	36.3153	1	3	55	23.186	-24	21	0.54	4	9003	WOOMERA	11498	7	DU	2873
	11	16	13	27	34.4311	1	0	1	38.286	-49	40	17.93	4	9003	WOOMERA	11503	3	HC	2611
	11	16	19	43	53.7544	1	5	40	20.543	65	20	57.49	4	9004	SAN FERNAN	6875	3	PL	2880
	11	16	19	44	17.7551	1	5	53	20.374	66	21	43.47	4	9004	SAN FERNAN	6875	6	PL	2881
	11	16	22	27	39.7535	1	21	1	37.271	68	21	11.84	4	9004	SAN FERNAN	6879	3	DM	2882
	11	16	22	28	3.7536	1	20	45	8.846	69	10	8.21	4	9004	SAN FERNAN	6879	6	DM	2883
	11	17	3	22	25.5497	1	23	41	39.469	-43	58	16.33	4	9007	AREQUIPA	7633	3	GL	4683
	11	17	3	22	49.5484	1	23	42	10.924	-41	54	50.30	4	9007	AREQUIPA	7633	6	GL	2649
	11	17	11	37	58.4750	1	3	16	10.693	-34	38	42.76	4	9003	WOOMERA	11505	10	VD	2612
	11	17	11	38	2.4751	1	3	15	28.086	-34	18	55.08	4	9003	WOOMERA	11505	11	VD	2613
	11	17	14	21	39.3263	1	22	54	28.952	-40	3	24.70	4	9003	WOOMERA	11509	6	VD	2614
	11	17	14	21	43.3260	1	22	54	55.433	-39	44	44.85	4	9003	WOOMERA	11509	7	VD	2615
	11	17	20	37	11.9959	1	5	3	9.528	77	15	25.47	4	9004	SAN FERNAN	6897	5	DM	2864
	11	17	20	37	19.9958	1	5	10	52.432	77	40	4.00	4	9004	SAN FERNAN	6897	6	DM	2885
	11	18	1	26	42.8529	1	2	54	20.867	-43	16	38.13	4	9011	VILLA DOLO	7428	4	PL	2768
	11	18	1	27	6.8525	1	2	49	42.481	-41	10	0.94	4	9011	VILLA DOLO	7428	7	PL	2769
	11	18	1	27	14.8523	1	2	48	13.431	-40	27	18.33	4	9011	VILLA DOLO	7428	8	PL	3109
	11	18	1	30	24.2747	1	3	24	45.831	-43	27	16.64	4	9007	AREQUIPA	7637	4	GL	2650
	11	18	1	30	32.2746	1	3	23	21.343	-42	52	59.21	4	9007	AREQUIPA	7637	5	GL	2651
	11	18	1	38	12.4593	1	2	14	55.945	-42	41	58.99	4	9009	CURACAO	6315	4	HC	2761
	11	18	1	38	44.4596	1	2	12	11.690	-40	43	41.62	4	9009	CURACAO	6315	8	HC	2762
	11	18	12	30	59.1918	1	1	49	3.147	-46	7	38.22	4	9003	WOOMERA	11519	6	HC	2616
	11	18	12	31	15.1914	1	1	46	58.079	-44	34	19.22	4	9003	WOOMERA	11519	10	MY	4177
	11	18	21	31	11.1008	1	21	56	12.458	83	30	55.90	4	9004	SAN FERNAN	6917	3	BN	2886
	11	18	21	31	19.1009	1	21	39	6.926	83	49	33.01	4	9004	SAN FERNAN	6917	4	YK	2887
	11	19	2	20	52.7339	1	0	58	46.421	-45	20	37.35	4	9011	VILLA DOLO	7431	4	BA	2813
	11	19	2	21	8.7335	1	0	57	53.889	-43	44	27.33	4	9011	VILLA DOLO	7431	6	BA	2814
	11	19	2	24	54.5872	1	1	28	21.734	-47	25	8.28	4	9007	AREQUIPA	7649	3	DM	2752
	11	19	2	25	10.4972	1	1	26	44.860	-46	0	25.11	4	9007	AREQUIPA	7649	5	DM	2753
	11	19	2	25	18.4517	1	1	25	57.297	-45	17	38.68	4	9007	AREQUIPA	7649	6	DM	2754
	11	19	3	2	10.1410	1	5	5	59.486	72	21	16.51	4	9001	ORGAN PASS	8237	3	BA	2600

DATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	19	3	2	26.1410	1	5	16	32.475	73	10	13.99	4	9001	ORGAN PASS	8237	5	BA	2601
	11	19	11	20	7.7748	1	2	27	6.212	80	7	29.16	4	9005	TOKYO	6884	6	RO	2809
	11	19	11	20	23.7748	1	2	31	53.006	81	19	13.17	4	9005	TOKYO	6884	7	RO	4692
	11	19	19	38	51.6745	1	5	4	28.755	62	28	39.31	4	9004	SAN FERNAN	6934	4	GL	2888
	11	19	19	39	7.6745	1	5	11	21.399	63	21	2.33	4	9004	SAN FERNAN	6934	5	GL	2889
	11	19	22	24	16.8202	1	20	49	8.273	67	29	22.13	4	9004	SAN FERNAN	6940	4	MY	2801
	11	19	22	24	32.8205	1	20	38	39.622	67	59	7.42	4	9004	SAN FERNAN	6940	6	MY	2802
	11	20	0	30	23.7583	1	3	42	36.785	-29	22	20.40	4	9011	VILLA DOLO	7438	5	BA	2815
	11	20	0	30	55.7574	1	3	37	28.543	-26	58	58.00	4	9011	VILLA DOLO	7438	9	BA	2816
	11	20	0	35	44.3571	1	3	50	25.490	-22	54	49.70	4	9007	AREQUIPA	7655	3	PL	2755
	11	20	0	36	22.7136	1	3	46	20.906	-20	16	12.34	4	9007	AREQUIPA	7655	7	PL	2756
	11	20	0	36	51.4710	1	3	43	26.606	-18	14	58.41	4	9007	AREQUIPA	7655	10	PL	2757
	11	20	3	19	32.7330	1	23	36	59.959	-39	7	30.88	4	9007	AREQUIPA	7659	4	HC	2766
	11	20	3	20	4.8477	1	23	37	42.268	-36	20	41.56	4	9007	AREQUIPA	7659	8	HC	2767
	11	20	3	55	13.9007	1	1	15	10.884	80	8	43.67	4	9001	ORGAN PASS	8246	2	MY	2602
	11	20	3	55	25.9013	1	1	11	55.448	81	0	31.83	4	9001	ORGAN PASS	8246	5	MY	2603
	11	20	14	18	11.1820	1	22	54	32.531	-38	16	46.19	4	9003	WOOMERA	11525	8	GL	2634
	11	20	14	18	15.1817	1	22	54	58.324	-37	58	26.91	4	9003	WOOMERA	11525	9	GL	2635
	11	20	20	32	34.1820	1	4	9	44.067	75	9	21.28	4	9004	SAN FERNAN	6942	4	YK	5298
	11	20	20	32	58.1820	1	4	26	6.903	76	41	58.49	4	9004	SAN FERNAN	6942	7	YK	4763
	11	21	1	24	9.5771	1	2	35	28.311	-37	57	5.73	4	9011	VILLA DOLO	7445	4	VD	3612
	11	21	1	24	21.5770	1	2	33	32.761	-36	49	40.87	4	9011	VILLA DOLO	7445	7	VD	3613
	11	21	4	47	55.9232	1	22	4	59.116	66	56	59.23	4	9001	ORGAN PASS	8262	5	MY	2604
	11	21	4	48	3.9232	1	22	0	35.164	67	21	30.70	4	9001	ORGAN PASS	8262	7	MY	2605
	11	21	12	28	41.1723	1	1	30	55.370	-38	8	24.60	4	9003	WOOMERA	11532	6	GL	2636
	11	21	12	28	49.1722	1	1	30	11.019	-37	19	36.19	4	9003	WOOMERA	11532	8	GL	2637
	11	22	2	17	11.6006	1	0	49	52.727	-45	11	6.92	4	9011	VILLA DOLO	7458	4	PK	3614
	11	22	2	17	23.6006	1	0	49	26.386	-43	59	6.33	4	9011	VILLA DOLO	7458	7	PK	6544
	11	22	2	29	39.8279	10	0	25	46.677	-38	41	45.14	4	9009	CURACAO	6343	4	BN	2770
	11	22	2	30	11.8279	10	0	24	9.350	-36	26	38.35	4	9009	CURACAO	6343	8	BN	2771
	11	22	2	57	15.7994	1	4	22	20.913	69	21	14.15	4	9001	ORGAN PASS	8278	3	GL	2606
	11	22	2	57	39.7993	1	4	33	35.788	70	52	8.64	4	9001	ORGAN PASS	8278	6	GL	2607
	11	22	10	40	37.1173	1	3	29	9.223	-11	20	58.32	4	9003	WOOMERA	11542	4	VD	2638
	11	22	10	40	41.1172	1	3	28	43.473	-11	3	32.81	4	9003	WOOMERA	11542	5	VD	2639
	11	22	13	21	28.7521	1	23	51	36.149	-41	15	27.18	4	9003	WOOMERA	11546	6	VD	2640
	11	22	13	21	40.7520	1	23	52	8.682	-40	8	10.64	4	9003	WOOMERA	11546	9	VD	2641
	11	29	3	23	45.7208	1	23	2	57.615	- 2	2	21.65	4	9009	CURACAO	6427	4	BN	2772
	11	29	3	24	9.7205	1	23	1	44.559	- 0	24	25.78	4	9009	CURACAO	6427	7	BN	2773
	11	29	11	24	57.4496	1	2	39	46.136	-28	27	40.44	4	9003	WOOMERA	11644	2	PK	2642
	11	29	11	25	9.4494	1	2	38	8.557	-27	19	14.39	4	9003	WOOMERA	11644	5	PK	2643
	11	29	11	55	13.4209	1	0	3	34.357	35	43	39.08	4	9005	TOKYO	6938	5	BA	2811
	11	29	11	55	29.4198	1	0	0	54.073	37	12	59.75	4	9005	TOKYO	6938	6	BA	2812
	11	29	14	6	24.1895	1	22	47	46.947	-39	8	20.49	4	9003	WOOMERA	11647	2	PK	2644
	11	29	14	6	28.1893	1	22	48	16.540	-38	51	22.71	4	9003	WOOMERA	11647	3	PK	2645
	11	29	22	58	14.7968	1	22	54	6.374	21	21	27.25	4	9004	SAN FERNAN	7011	3	MY	2803

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	29	22	58	38.7965	1	22	50	39.098	22	58	13.28	4	9004	SAN FERNAN	7011	6	MY	2804
	11	30	1	13	33.5977	1	2	9	30.829	-37	2	31.04	4	9011	VILLA DOLO	7530	6	PK	3615
	11	30	1	13	41.5976	1	2	8	29.662	-36	14	36.76	4	9011	VILLA DOLO	7530	7	PK	3616
	11	30	7	10	7.9635	1	1	12	32.184	20	2	37.60	4	9012	MAUI	8323	3	DM	2763
	11	30	7	10	39.9595	1	1	9	52.572	23	20	30.74	4	9012	MAUI	8323	5	DM	2764
	11	30	7	11	11.9548	1	1	7	4.924	26	37	22.05	4	9012	MAUI	8323	7	DM	2765
	11	30	12	18	23.0030	1	1	3	53.696	-33	37	13.58	4	9003	WOOMERA	11660	7	PK	2646
	11	30	12	18	43.0026	1	1	2	57.507	-31	33	49.10	4	9003	WOOMERA	11660	12	PK	4682
	11	30	15	31	58.4418	1	0	51	3.190	27	48	16.44	4	9006	NAIN TAL	5584	6	BD	4762
	11	30	15	32	14.4424	1	0	49	21.127	29	29	20.91	4	9006	NAIN TAL	5584	8	BD	4197
	11	30	15	35	32.6248	1	3	33	34.796	38	31	59.28	4	9008	SHIRAZ	10282	6	GL	2759
	11	30	15	35	56.6263	1	3	35	47.230	40	29	53.15	4	9008	SHIRAZ	10282	9	GL	2760
	11	30	21	7	31.6656	1	0	49	43.455	36	45	24.49	4	9004	SAN FERNAN	7020	4	RD	2805
	11	30	21	7	43.6653	1	0	48	16.206	37	57	46.83	4	9004	SAN FERNAN	7020	7	RD	2806
	11	30	23	45	33.5467	1	3	33	10.211	23	30	10.65	4	9009	CURACAO	6445	3	VD	2774
	11	30	23	45	49.5468	1	3	33	26.677	24	45	33.16	4	9009	CURACAO	6445	5	VD	2775
	12	1	2	26	35.0594	1	23	43	47.777	0	31	43.79	4	9009	CURACAO	6448	3	BA	5812
	12	1	13	43	32.9800	1	3	35	41.784	38	9	28.48	4	9006	NAIN TAL	5597	4	MY	5209
	12	1	19	17	21.8376	1	3	29	33.357	36	54	9.33	4	9004	SAN FERNAN	7028	2	VD	5152
	12	1	19	17	37.8370	1	3	31	7.981	38	13	20.32	4	9004	SAN FERNAN	7028	4	VD	5153
	12	1	22	0	19.7909	1	23	38	1.742	25	22	41.31	4	9004	SAN FERNAN	7031	3	MY	5154
	12	1	22	0	35.7908	1	23	35	34.691	26	43	46.74	4	9004	SAN FERNAN	7031	5	MY	5155
	12	2	0	37	43.9747	1	2	27	14.164	18	16	37.84	4	9009	CURACAO	6454	4	LD	4738
	12	2	0	37	59.9744	1	2	26	37.072	19	50	54.57	4	9009	CURACAO	6454	6	LD	4739
	12	2	0	44	56.6479	1	3	5	43.908	31	33	10.11	4	9010	JUPITER	7966	3	LT	8089
	12	2	0	45	12.6464	1	3	6	18.940	32	59	33.75	4	9010	JUPITER	7966	5	LT	8090
	12	2	3	28	7.0317	1	23	14	32.239	15	8	32.03	4	9010	JUPITER	7968	3	LT	8091
	12	2	3	28	31.0294	1	23	11	46.511	16	56	33.26	4	9010	JUPITER	7968	6	LT	8092
	12	2	3	31	14.9911	1	1	24	8.336	29	12	40.51	4	9001	ORGAN PASS	8382	6	DM	4721
	12	2	3	32	18.9811	1	1	19	5.419	35	47	24.37	4	9001	ORGAN PASS	8382	10	DM	4825
	12	2	6	13	58.8099	1	2	38	26.785	27	33	11.54	4	9012	MAUI	8337	6	HC	5434
	12	2	6	14	30.8097	1	2	38	9.172	30	37	55.84	4	9012	MAUI	8337	8	HC	5435
	12	2	11	21	18.5788	1	2	33	22.652	-28	47	55.99	4	9003	WOOMERA	11664	5	MY	5133
	12	2	11	21	26.5786	1	2	32	20.138	-28	1	25.77	4	9003	WOOMERA	11664	7	MY	5134
	12	2	11	49	43.7601	1	0	13	57.622	24	56	24.87	4	9005	TOKYO	6966	3	LD	4955
	12	2	11	50	31.7613	1	0	7	20.832	29	25	14.41	4	9005	TOKYO	6966	6	LD	5331
	12	2	14	2	23.7150	1	22	45	29.492	-39	41	6.36	4	9003	WOOMERA	11668	5	DM	5325
	12	2	14	2	39.7144	1	22	47	33.145	-38	34	52.28	4	9003	WOOMERA	11668	7	DM	5136
	12	2	14	35	50.4595	1	2	19	30.097	36	11	29.17	4	9006	NAIN TAL	5612	5	LT	5210
	12	2	14	36	22.4612	1	2	19	10.773	39	22	8.36	4	9006	NAIN TAL	5612	9	LT	5211
	12	2	17	19	29.8258	1	22	53	24.594	15	49	15.66	4	9006	NAIN TAL	5613	5	LT	5212
	12	2	17	19	37.8259	1	22	52	30.984	16	20	20.14	4	9006	NAIN TAL	5613	6	LT	5213
	12	3	1	36	59.5428	1	1	42	29.309	24	11	7.34	4	9010	JUPITER	7975	3	LT	8093
	12	3	1	37	39.5503	1	1	40	6.725	28	18	15.06	4	9010	JUPITER	7975	8	LT	8094
	12	3	1	44	8.8415	1	3	57	19.200	42	30	5.91	4	9001	ORGAN PASS	8394	4	MY	5380

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	12	3	1	44	24.8343	1	3	59	29.947	43	42	4.56	4	9001	ORGAN PASS	8394	8	MY	5381
	12	3	4	24	49.3815	1	23	57	22.518	23	47	11.52	4	9001	ORGAN PASS	8398	3	HC	4723
	12	3	4	24	57.3821	1	23	56	17.120	24	30	30.38	4	9001	ORGAN PASS	8398	5	HC	4724
	12	3	10	0	6.1022	1	2	56	38.503	34	51	48.44	4	9005	TOKYO	6978	4	LD	4956
	12	3	10	1	10.1017	1	3	0	9.632	40	46	55.90	4	9005	TOKYO	6978	12	LD	4957
	12	3	12	44	37.4033	1	23	7	9.739	23	55	48.81	4	9005	TOKYO	6981	6	VD	5332
	12	3	12	45	9.4037	1	23	2	12.583	26	15	35.49	4	9005	TOKYO	6981	8	VD	5333
	12	3	15	28	44.8472	1	0	40	51.041	30	9	47.33	4	9006	NAIN TAL	5627	12	LT	5214
	12	3	15	30	12.3356	1	0	29	24.460	38	43	29.58	4	9006	NAIN TAL	5627	18	LT	5215
	12	3	15	31	6.7838	1	3	27	18.896	35	31	52.67	4	9008	SHIRAZ	10321	4	DU	5147
	12	3	18	13	30.1431	1	23	30	38.291	18	39	44.18	4	9008	SHIRAZ	10325	8	LD	5791
	12	4	2	30	26.9352	1	0	11	54.004	19	3	14.16	4	9010	JUPITER	7983	7	RD	8095
	12	4	2	30	50.9321	1	0	9	3.916	21	17	40.90	4	9010	JUPITER	7983	10	RD	8096
	12	4	2	35	47.6390	1	2	47	57.146	39	17	34.29	4	9001	ORGAN PASS	8412	3	HC	4725
	12	4	5	18	59.6330	1	23	3	48.083	19	15	57.89	4	9001	ORGAN PASS	8416	7	HC	4726
	12	4	5	19	11.6349	1	23	2	14.019	20	6	26.87	4	9001	ORGAN PASS	8416	10	HC	4727
	12	4	7	59	10.9725	1	23	47	37.399	9	46	57.00	4	9012	MAUI	8355	2	LT	6066
	12	4	7	59	14.9724	1	23	47	14.146	10	7	41.54	4	9012	MAUI	8355	3	LT	6067
	12	4	10	53	28.2971	1	1	30	28.704	35	17	12.13	4	9005	TOKYO	6982	3	DU	4960
	12	4	10	54	0.2974	1	1	28	9.429	38	34	6.17	4	9005	TOKYO	6982	5	DU	5334
	12	4	16	21	56.4707	1	23	29	30.539	20	46	40.82	4	9006	NAIN TAL	5637	8	HC	5274
	12	4	16	22	20.4713	1	23	26	16.899	22	43	32.15	4	9006	NAIN TAL	5637	11	HC	5217
	12	5	0	33	5.3421	1	2	23	19.162	12	40	29.58	4	9009	CURACAO	6478	3	DM	5159
	12	5	0	33	13.3423	1	2	22	56.939	13	28	13.46	4	9009	CURACAO	6478	4	DM	5160
	12	5	0	41	4.9602	1	3	1	4.600	31	6	32.00	4	9010	JUPITER	7988	3	RD	8097
	12	5	0	41	52.9642	1	3	2	32.566	35	30	44.89	4	9010	JUPITER	7988	9	RD	8098
	12	5	3	24	41.9262	1	23	11	25.062	15	48	31.25	4	9010	JUPITER	7990	6	RD	8099
	12	5	3	24	57.9248	1	23	9	35.165	16	58	29.75	4	9010	JUPITER	7990	8	RD	8100
	12	5	3	27	34.6825	1	1	16	54.429	29	7	33.62	4	9001	ORGAN PASS	8429	5	BA	4728
	12	5	3	27	58.6785	1	1	14	50.310	31	34	56.35	4	9001	ORGAN PASS	8429	8	BA	4729
	12	5	6	12	6.0152	1	2	30	34.707	38	21	27.73	4	9012	MAUI	8364	6	DU	6422
	12	5	8	53	15.0917	1	23	3	11.146	7	22	51.52	4	9012	MAUI	8366	4	RD	5404
	12	5	8	53	23.0917	1	23	2	32.782	7	54	49.03	4	9012	MAUI	8366	6	RD	5405
	12	5	9	4	22.6907	1	3	51	14.123	37	36	11.92	4	9005	TOKYO	6987	2	DU	4962
	12	5	9	6	46.6921	1	4	12	28.571	48	18	36.96	4	9005	TOKYO	6987	11	DU	4963
	12	5	11	17	13.5128	1	2	30	1.868	-31	39	18.34	4	9003	WOOMERA	11705	4	DM	5137
	12	5	11	17	21.5125	1	2	28	58.560	-30	52	17.34	4	9003	WOOMERA	11705	6	DM	5138
	12	5	13	57	50.2102	1	22	38	39.183	-42	23	43.04	4	9003	WOOMERA	11709	3	PG	5326
	12	5	13	58	10.2100	1	22	41	35.637	-41	3	49.68	4	9003	WOOMERA	11709	8	PG	5327
	12	5	17	16	11.3059	1	0	36	49.081	24	36	18.08	4	9008	SHIRAZ	10349	3	PL	5148
	12	5	17	16	27.3052	1	0	34	57.783	26	10	35.69	4	9008	SHIRAZ	10349	7	PL	5149
	12	6	1	13	11.4986	1	2	4	54.888	-22	4	59.42	4	9007	AREQUIPA	7767	2	HC	5395
	12	6	1	13	19.4979	1	2	4	9.907	-21	16	31.01	4	9007	AREQUIPA	7767	3	DU	5396
	12	6	1	39	15.9922	1	3	47	34.085	37	47	24.35	4	9001	ORGAN PASS	8439	8	HC	4730
	12	6	4	21	52.4114	1	23	46	48.489	27	2	40.89	4	9001	ORGAN PASS	8444	4	VD	4731

DATE Y	M	D	TIME (A-I) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	6	4	22	0.4131	1	23	45	36.545	27	44	28.98	4	9001	ORGAN PASS	8444 6	VD	4732
	12	6	4	22	8.4139	1	23	44	23.139	28	26	11.01	4	9001	ORGAN PASS	8444 8	VD	4733
	12	6	7	1	27.0877	1	1	4	36.895	11	30	54.43	4	9012	MAUI	8376 3	DU	6413
	12	6	7	1	31.0876	1	1	4	17.155	11	55	17.74	4	9012	MAUI	8376 4	DU	6414
	12	6	9	56	11.4710	1	2	51	39.768	34	5	16.03	4	9005	TOKYO	6998 3	VD	4964
	12	6	9	56	35.4704	1	2	52	35.370	36	20	30.78	4	9005	TOKYO	6998 6	VD	5335
	12	6	15	23	4.6930	1	0	47	7.495	17	56	33.33	4	9006	NAIN TAL	5645 5	PG	5218
	12	6	15	24	0.2675	1	0	41	20.892	23	25	13.87	4	9006	NAIN TAL	5645 9	PG	5219
	12	6	15	24	40.2105	1	0	36	47.907	27	21	25.95	4	9006	NAIN TAL	5645 18	PG	5220
	12	6	15	28	22.0624	1	3	28	20.945	41	1	46.15	4	9008	SHIRAZ	10359 17	LD	5353
	12	6	20	58	16.5157	1	0	49	20.751	24	44	31.26	4	9004	SAN FERNAN	7035 10	MY	5156
	12	6	23	46	10.1505	1	3	59	16.374	37	35	44.00	4	9010	JUPITER	7992 8	LD	8101
	12	6	23	46	18.1503	1	4	0	4.388	38	10	57.93	4	9010	JUPITER	7992 9	LD	8102
	12	7	1	58	32.5382	1	0	11	12.165	-44	14	51.85	4	9011	VILLA DOLO	7555 5	MY	5412
	12	7	1	58	44.5383	1	0	11	43.014	-43	6	22.23	4	9011	VILLA DOLO	7555 8	MY	5413
	12	7	5	13	58.5284	1	3	37	6.328	29	34	57.16	4	9012	MAUI	8386 5	PL	6056
	12	7	5	15	47.0109	1	22	59	43.459	20	36	58.31	4	9001	ORGAN PASS	8460 9	LD	4734
	12	7	5	15	59.0091	1	22	58	7.347	21	25	45.87	4	9001	ORGAN PASS	8460 12	LD	4735
	12	7	7	55	29.1417	1	23	44	11.659	9	20	17.88	4	9012	MAUI	8390 2	GL	5651
	12	7	7	56	49.1341	1	23	36	5.573	16	2	38.09	4	9012	MAUI	8390 7	GL	6069
	12	7	13	2	54.7553	1	23	30	1.317	-38	26	51.31	4	9003	WOOMERA	11736 4	PG	5141
	12	7	13	3	6.7553	1	23	31	1.528	-37	25	57.86	4	9003	WOOMERA	11736 7	PG	5142
	12	7	16	17	46.5148	1	23	30	37.583	17	50	38.27	4	9006	NAIN TAL	5651 3	PG	5221
	12	7	16	18	26.5152	1	23	25	30.912	21	1	21.82	4	9006	NAIN TAL	5651 8	PG	5222
	12	7	19	10	46.7191	1	3	29	1.615	42	16	19.89	4	9004	SAN FERNAN	7040 4	MY	5157
	12	7	19	11	2.7193	1	3	30	44.455	43	38	25.66	4	9004	SAN FERNAN	7040 6	MY	5158
	12	8	0	37	48.5746	1	2	56	47.413	33	53	23.89	4	9010	JUPITER	7998 7	LD	8103
	12	8	0	37	56.5762	1	2	56	58.367	34	38	16.21	4	9010	JUPITER	7998 8	LD	9681
	12	8	11	12	42.7684	1	2	29	43.185	-37	2	34.18	4	9003	WOOMERA	11752 5	PG	5143
	12	8	11	12	54.7681	1	2	28	2.053	-35	52	6.45	4	9003	WOOMERA	11752 8	PG	5144
	12	8	11	42	42.9684	1	0	1	39.495	25	44	5.57	4	9005	TOKYO	7026 2	DM	5336
	12	8	11	43	38.9691	1	23	53	11.616	30	43	18.83	4	9005	TOKYO	7026 9	DM	6557
	12	8	13	54	41.3692	1	22	44	10.801	-39	26	45.36	4	9003	WOOMERA	11755 3	LD	5114
	12	8	14	27	23.4813	1	2	7	3.948	30	6	58.73	4	9006	NAIN TAL	5663 7	LD	5224
	12	9	1	2	24.2616	1	1	45	49.486	-38	32	52.75	4	9011	VILLA DOLO	7563 4	MY	5414
	12	9	1	2	32.2617	1	1	45	4.761	-37	43	40.69	4	9011	VILLA DOLO	7563 5	MY	5415
	12	9	4	17	39.9511	1	23	47	29.265	23	38	25.27	4	9001	ORGAN PASS	8489 4	BA	4736
	12	9	4	17	51.9483	1	23	45	47.379	24	40	8.93	4	9001	ORGAN PASS	8489 7	BA	4737
	12	9	6	58	21.3188	1	0	54	42.782	14	47	23.98	4	9012	MAUI	8396 3	GL	5653
	12	9	6	59	1.3166	1	0	50	58.625	18	48	25.00	4	9012	MAUI	8396 8	GL	5654
	12	9	12	6	27.4417	1	0	43	23.269	-38	14	29.26	4	9003	WOOMERA	11769 4	VD	6409
	12	9	12	6	39.4414	1	0	43	16.348	-37	2	13.51	4	9003	WOOMERA	11769 7	VD	5116
	12	9	12	37	22.8080	1	23	4	34.941	23	5	12.97	4	9005	TOKYO	7043 8	BN	7873
	12	9	12	37	30.8082	1	23	3	24.522	23	38	26.68	4	9005	TOKYO	7043 9	BN	4659
	12	9	15	20	29.2701	1	0	33	57.907	23	56	48.94	4	9006	NAIN TAL	5679 6	PK	6420

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	9	15	21	9.2714	1	0	29	6.971	27	49	6.19	4	9006	NAIN TAL	5679	11	PK	5225
	12	9	20	55	26.8341	1	0	37	29.266	29	19	41.70	4	9004	SAN FERNAN	7069	3	PL	4740
	12	9	20	55	34.8341	1	0	36	28.329	30	6	11.72	4	9004	SAN FERNAN	7069	4	PL	4741
	12	10	2	27	36.5063	1	2	35	5.377	35	27	5.59	4	9001	ORGAN PASS	8500	5	PG	5926
	12	10	2	27	40.5062	1	2	35	6.714	35	50	39.62	4	9001	ORGAN PASS	8500	6	PG	5927
	12	10	5	11	40.6638	1	23	2	55.656	18	18	48.12	4	9001	ORGAN PASS	8504	4	PG	5928
	12	10	10	47	23.7195	1	1	7	36.696	42	46	27.98	4	9005	TOKYO	7054	10	BN	4660
	12	10	10	47	31.7239	1	1	6	40.334	43	34	16.30	4	9005	TOKYO	7054	11	BN	7874
	12	10	21	50	9.6639	1	23	21	50.922	27	30	10.11	4	9004	SAN FERNAN	7079	5	PL	4742
	12	10	21	50	25.6305	1	23	19	12.368	28	44	11.21	4	9004	SAN FERNAN	7079	7	DU	5273
	12	11	0	25	53.8021	1	2	9	15.341	13	43	44.33	4	9009	CURACAO	6501	4	LD	5323
	12	11	0	26	1.8020	1	2	8	48.197	14	32	33.37	4	9009	CURACAO	6501	5	LD	5131
	12	11	3	20	26.1885	1	1	1	25.482	29	56	0.03	4	9001	ORGAN PASS	8519	3	PG	5929
	12	11	3	20	34.1895	1	1	0	34.523	30	44	18.99	4	9001	ORGAN PASS	8519	4	PG	5930
	12	11	11	9	15.5652	1	2	20	9.935	-36	9	8.99	4	9003	WOOMERA	11799	2	VD	5322
	12	11	11	39	22.4286	1	23	54	33.630	26	53	39.40	4	9005	TOKYO	7068	3	VD	4662
	12	11	11	39	30.4287	1	23	53	21.029	27	35	29.86	4	9005	TOKYO	7068	4	VD	5337
	12	11	14	23	52.4062	1	1	59	33.200	31	13	31.42	4	9006	NAIN TAL	5704	5	GL	968
	12	11	14	24	24.0575	1	1	58	4.638	34	27	3.68	4	9006	NAIN TAL	5704	8	GL	7878
	12	12	0	58	52.8314	1	1	36	40.631	-37	39	32.50	4	9011	VILLA DOLO	7596	6	MY	5416
	12	12	0	59	0.8314	1	1	36	3.523	-36	50	1.09	4	9011	VILLA DOLO	7596	7	MY	5417
	12	12	1	18	46.1175	1	0	35	48.080	6	1	41.75	4	9009	CURACAO	6507	3	VD	4949
	12	12	1	18	54.1176	1	0	35	8.302	6	48	26.04	4	9009	CURACAO	6507	4	VD	4950
	12	12	1	25	58.6016	1	1	20	40.388	23	59	50.51	4	9010	JUPITER	8036	3	DU	5688
	12	12	1	26	14.6033	1	1	19	18.894	25	37	53.45	4	9010	JUPITER	8036	5	DU	5689
	12	12	12	2	33.5756	1	0	36	24.482	-39	6	11.74	4	9003	WOOMERA	11819	3	DU	5118
	12	12	12	2	41.5752	1	0	36	26.851	-38	18	24.34	4	9003	WOOMERA	11819	5	DU	5119
	12	12	15	16	55.8035	10	0	27	7.379	24	9	53.83	4	9006	NAIN TAL	5710	9	GL	5228
	12	12	15	17	3.8035	10	0	26	8.436	24	55	36.89	4	9006	NAIN TAL	5710	11	GL	5229
	12	12	17	46	29.0533	1	2	29	54.069	17	20	57.28	4	9002	OLIFANTS	10204	5	MY	5132
	12	12	18	15	33.3384	1	5	20	5.824	59	39	34.03	4	9004	SAN FERNAN	7085	4	PL	4744
	12	12	18	15	57.3274	1	5	29	10.825	60	57	8.14	4	9004	SAN FERNAN	7085	7	PL	4745
	12	12	20	52	57.0299	1	0	21	28.939	35	34	39.18	4	9004	SAN FERNAN	7088	7	HC	4937
	12	12	20	53	5.0297	1	0	20	12.853	36	19	44.92	4	9004	SAN FERNAN	7088	8	DU	5323
	12	12	23	29	31.5772	1	3	21	32.176	18	40	15.37	4	9009	CURACAO	6510	4	BA	4951
	12	12	23	29	43.5772	1	3	21	27.617	19	42	26.34	4	9009	CURACAO	6510	7	BA	6411
	12	13	2	12	11.5330	1	23	31	21.660	1	32	50.47	4	9009	CURACAO	6515	5	VD	4970
	12	13	2	12	19.5331	1	23	30	50.832	2	10	0.18	4	9009	CURACAO	6515	7	VD	4971
	12	13	5	5	31.3727	1	3	29	33.844	25	16	26.51	4	9012	MAUI	8410	3	LD	5655
	12	13	5	5	39.3726	1	3	29	46.680	25	56	52.80	4	9012	MAUI	8410	5	LD	5656
	12	13	7	48	20.4647	1	23	37	12.893	9	40	39.34	4	9012	MAUI	8415	3	LT	5665
	12	13	7	48	40.4644	1	23	35	18.715	11	16	25.17	4	9012	MAUI	8415	8	LT	5666
	12	13	10	41	57.8257	1	1	11	16.600	31	54	14.67	4	9005	TOKYO	7088	4	VD	4664
	12	13	10	42	5.8259	1	1	10	28.926	32	42	42.23	4	9005	TOKYO	7088	5	VD	4665
	12	13	13	27	26.5963	1	3	17	15.321	33	48	2.16	4	9006	NAIN TAL	5717	3	LT	5230

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	13	13	27	42.5971	1	3	18	0.756	35	13	39.35	4	9006	NAIN TAL	5717 5	LT	5231
	12	13	16	13	15.3664	1	23	3	5.743	29	18	40.96	4	9006	NAIN TAL	5721 10	DU	5232
	12	14	0	21	53.3646	1	2	3	13.054	11	41	51.54	4	9009	CURACAO	6521 2	HC	4972
	12	14	0	22	25.3654	1	2	1	15.206	14	58	20.81	4	9009	CURACAO	6521 6	HC	4973
	12	14	0	29	48.8366	1	2	45	12.369	31	10	38.03	4	9010	JUPITER	8049 5	DU	5690
	12	14	0	30	4.8381	1	2	45	13.540	32	43	19.40	4	9010	JUPITER	8049 7	DU	5691
	12	14	3	12	49.9954	1	23	14	32.160	10	58	31.88	4	9010	JUPITER	8051 4	DU	5692
	12	14	3	17	56.6366	1	0	45	43.388	36	35	56.45	4	9001	ORGAN PASS	8535 2	PG	6560
	12	14	5	57	48.1509	1	2	15	10.656	19	45	41.67	4	9012	MAUI	8426 2	BA	5657
	12	14	5	59	8.1442	1	2	11	36.944	27	51	7.50	4	9012	MAUI	8426 7	BA	5658
	12	14	11	6	7.6974	1	2	8	29.292	-33	9	25.03	4	9003	WOOMERA	11850 4	DU	5120
	12	14	11	6	19.6972	1	2	7	12.050	-31	55	59.05	4	9003	WOOMERA	11850 7	DU	7079
	12	14	11	35	55.4133	1	23	48	43.365	27	24	13.38	4	9005	TOKYO	7096 9	DU	4666
	12	14	11	36	3.4134	1	23	47	28.425	28	4	55.55	4	9005	TOKYO	7096 10	DU	5338
	12	14	14	21	8.8703	1	1	48	42.693	37	6	58.67	4	9006	NAIN TAL	5728 11	LT	5233
	12	14	14	21	16.8705	1	1	48	12.541	37	55	22.01	4	9006	NAIN TAL	5728 13	LT	5275
	12	15	1	15	35.4352	1	0	27	17.478	8	39	48.56	4	9009	CURACAO	6531 5	PL	5341
	12	15	1	15	43.4345	1	0	26	36.554	9	25	32.73	4	9009	CURACAO	6531 6	PL	5342
	12	15	4	9	39.1211	1	23	46	15.824	19	9	26.95	4	9001	ORGAN PASS	8548 6	PG	5932
	12	15	4	9	47.1201	1	23	45	13.400	19	48	52.65	4	9001	ORGAN PASS	8548 7	PG	6561
	12	15	6	51	24.3611	1	0	39	12.662	16	33	1.73	4	9012	MAUI	8437 4	BA	5659
	12	15	6	51	56.3595	1	0	35	55.746	19	39	34.14	4	9012	MAUI	8437 8	BA	5660
	12	15	11	58	51.2114	1	0	29	48.559	-38	43	55.62	4	9003	WOOMERA	11872 3	BA	5122
	12	15	11	59	15.2109	1	0	30	11.466	-36	22	58.82	4	9003	WOOMERA	11872 9	BA	5123
	12	15	15	13	11.4864	1	0	21	57.617	23	18	36.96	4	9006	NAIN TAL	5743 6	LT	5235
	12	15	15	13	35.4871	1	0	18	54.514	25	32	45.76	4	9006	NAIN TAL	5743 9	LT	5236
	12	15	20	49	49.5311	1	0	10	2.644	37	57	47.69	4	9004	SAN FERNAN	7120 11	PL	6410
	12	15	20	50	5.5309	1	0	7	10.325	39	24	38.89	4	9004	SAN FERNAN	7120 13	PL	5329
	12	15	23	26	22.3278	1	3	17	23.668	21	46	56.85	4	9009	CURACAO	6533 5	PL	5343
	12	15	23	28	11.8307	1	3	17	2.753	31	22	3.15	4	9009	CURACAO	6533 12	PL	5344
	12	15	23	28	23.8314	1	3	17	4.899	32	24	4.90	4	9009	CURACAO	6533 15	PL	6423
	12	15	23	33	52.1235	1	3	48	30.008	34	0	56.21	4	9010	JUPITER	8057 4	DU	5693
	12	15	23	34	24.1264	1	3	50	54.596	36	33	10.90	4	9010	JUPITER	8057 8	DU	5694
	12	16	1	48	5.7711	1	23	57	18.568	-38	47	36.30	4	9011	VILLA DOLO	7638 3	DM	5418
	12	16	1	48	21.7711	1	23	58	17.990	-37	20	25.74	4	9011	VILLA DOLO	7638 5	DM	5419
	12	16	2	8	32.8461	1	23	29	29.580	1	33	17.56	4	9009	CURACAO	6536 4	DU	5346
	12	16	2	9	20.8455	1	23	26	23.985	5	9	26.11	4	9009	CURACAO	6536 10	DU	5347
	12	16	5	3	2.7945	1	3	28	15.130	31	58	47.80	4	9012	MAUI	8443 5	BA	5661
	12	16	5	3	50.7943	1	3	29	59.371	36	4	56.93	4	9012	MAUI	8443 11	BA	5662
	12	16	7	44	50.8859	1	23	33	55.216	10	11	14.47	4	9012	MAUI	8450 4	LD	5663
	12	16	7	45	6.8847	1	23	32	24.664	11	25	42.40	4	9012	MAUI	8450 5	LD	5664
	12	16	10	38	36.4836	1	1	2	15.608	33	32	7.09	4	9005	TOKYO	7105 7	DU	4668
	12	16	10	38	44.4842	1	1	1	20.439	34	20	0.01	4	9005	TOKYO	7105 8	DU	4669
	12	16	12	51	15.7891	1	23	20	4.899	-38	58	45.56	4	9003	WOOMERA	11888 4	BA	5124
	12	16	12	51	27.7890	1	23	21	20.582	-38	2	3.49	4	9003	WOOMERA	11888 7	BA	5125

DATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	16	13	19	7.5667	1	3	7	46.766	9	50	16.46	4	9006	NAIN TAL	5752	13	MY	5237
	12	16	13	19	23.5653	1	3	7	50.610	11	10	16.52	4	9006	NAIN TAL	5752	15	MY	5238
	12	16	16	6	14.3612	1	23	28	32.764	14	2	6.13	4	9006	NAIN TAL	5759	5	MY	5276
	12	16	16	7	2.3624	1	23	22	57.468	17	34	49.11	4	9006	NAIN TAL	5759	11	MY	5277
	12	16	16	8	4.7241	1	1	42	43.761	28	46	49.36	4	9008	SHIRAZ	10433	5	BA	5127
	12	17	0	18	1.3500	1	1	56	36.432	10	28	14.89	4	9009	CURACAO	6544	3	DU	5348
	12	17	0	18	25.3501	1	1	55	1.886	12	56	11.28	4	9009	CURACAU	6544	6	DU	5349
	12	17	2	39	34.9921	1	22	57	42.035	-41	45	0.93	4	9011	VILLA DOLO	7662	3	DM	5420
	12	17	2	39	58.9922	1	23	1	1.671	-40	3	10.15	4	9011	VILLA DOLO	7662	6	DM	5421
	12	17	11	32	37.6656	1	23	41	47.317	28	36	3.61	4	9005	TOKYO	7118	4	MY	4670
	12	17	11	32	53.6658	1	23	39	9.934	29	54	38.70	4	9005	TOKYO	7118	5	MY	4671
	12	17	14	15	58.7716	1	1	46	42.695	27	58	16.09	4	9006	NAIN TAL	5766	7	VD	5856
	12	17	14	16	6.7717	1	1	46	11.724	28	47	27.73	4	9006	NAIN TAL	5766	9	VD	5857
	12	17	17	1	54.6235	1	0	10	47.245	24	58	46.66	4	9008	SHIRAZ	10438	4	LD	5128
	12	17	17	1	58.6235	1	0	10	14.927	25	20	23.29	4	9008	SHIRAZ	10438	5	LD	5129
	12	17	19	51	20.8408	1	1	46	42.669	35	33	12.13	4	9004	SAN FERNAN	7130	3	PG	4939
	12	17	19	51	28.8406	1	1	46	12.507	36	22	6.35	4	9004	SAN FERNAN	7130	4	PG	4940
	12	18	0	52	13.5228	1	1	18	26.719	-33	8	15.90	4	9011	VILLA DOLO	7678	6	BA	5422
	12	18	0	52	29.5222	1	1	17	42.616	-31	29	13.92	4	9011	VILLA DOLO	7678	8	BA	5423
	12	18	1	10	9.5692	1	0	30	3.248	- 1	29	46.82	4	9009	CURACAO	6552	4	DU	5350
	12	18	1	11	2.1876	1	0	26	1.133	3	26	7.89	4	9009	CURACAU	6552	9	DU	5351
	12	18	1	17	20.4256	1	1	13	25.374	15	47	31.92	4	9010	JUPITER	8078	2	LT	5695
	12	18	1	18	0.4243	1	1	9	52.740	19	47	14.28	4	9010	JUPITER	8078	7	LT	5696
	12	18	9	40	47.5997	1	2	30	8.659	31	39	2.21	4	9005	TOKYO	7125	5	DU	6057
	12	18	9	41	27.6014	1	2	29	54.717	35	35	47.23	4	9005	TOKYO	7125	10	DU	5383
	12	18	12	26	34.4962	1	23	2	41.138	22	5	24.32	4	9005	TOKYO	7129	3	DU	6058
	12	18	12	27	38.4960	1	22	53	20.599	26	8	45.89	4	9005	TOKYO	7129	11	PL	5384
	12	18	15	8	19.4319	1	0	25	13.804	16	13	21.55	4	9006	NAIN TAL	5780	3	VD	5858
	12	18	15	8	27.4322	1	0	24	19.990	16	57	23.81	4	9006	NAIN TAL	5780	4	VD	5859
	12	18	15	12	32.1076	1	3	6	9.502	37	47	44.33	4	9008	SHIRAZ	10444	7	YK	5797
	12	18	15	12	44.1083	1	3	6	34.591	38	54	27.45	4	9008	SHIRAZ	10444	10	YK	7085
	12	18	20	45	17.0662	1	0	13	16.939	32	32	17.66	4	9004	SAN FERNAN	7145	3	PG	4941
	12	18	20	45	41.0662	1	0	9	22.317	34	42	25.22	4	9004	SAN FERNAN	7145	6	PG	4942
	12	18	23	21	45.2776	1	3	13	48.939	17	4	7.89	4	9009	CURACAO	6557	5	BA	4974
	12	18	23	21	57.2776	1	3	13	36.394	18	9	4.58	4	9009	CURACAO	6557	8	BA	4975
	12	19	1	51	37.5978	1	0	4	17.229	-24	34	40.63	4	9007	AREQUIPA	7811	5	LD	6061
	12	19	1	51	45.5977	1	0	4	18.449	-23	51	22.99	4	9007	AREQUIPA	7811	6	LD	6421
	12	19	2	4	30.0519	1	23	29	25.831	- 0	12	58.60	4	9009	CURACAO	6561	6	BA	5352
	12	19	2	4	38.0520	1	23	28	57.859	0	22	17.63	4	9009	CURACAO	6561	8	BA	4977
	12	19	4	58	3.0990	1	3	22	33.384	25	37	56.62	4	9012	MAUI	8460	5	LT	6070
	12	19	4	58	19.0960	1	3	22	49.054	27	2	26.02	4	9012	MAUI	8460	7	LT	5668
	12	19	10	33	56.3025	1	1	2	13.878	27	16	3.33	4	9005	TOKYO	7135	4	PL	7081
	12	19	10	34	36.3029	1	0	57	45.779	31	12	40.04	4	9005	TOKYO	7135	9	PL	5386
	12	19	12	47	7.0777	1	23	15	40.045	-40	17	28.85	4	9003	WOOMERA	11920	2	BA	5126
	12	19	13	20	4.3006	1	3	8	11.296	34	50	55.07	4	9006	NAIN TAL	5784	6	LT	5860

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	19	13	20	12.3007	1	3	8	26.405	35	35	18.95	4	9006	NAIN TAL	5784	7	LT	5861
	12	19	16	3	25.7551	1	23	21	24.726	17	19	27.12	4	9006	NAIN TAL	5791	4	LT	5862
	12	19	16	3	33.7551	1	23	20	27.477	17	53	44.61	4	9006	NAIN TAL	5791	5	LT	5863
	12	19	18	55	11.1483	1	3	8	32.810	40	17	21.21	4	9004	SAN FERNAN	7155	5	HC	4943
	12	19	18	55	19.1482	1	3	8	59.794	41	1	46.29	4	9004	SAN FERNAN	7155	6	HC	4944
	12	19	21	40	5.7806	1	23	8	5.854	29	25	44.41	4	9004	SAN FERNAN	7160	6	BN	4945
	12	19	21	40	21.7802	1	23	5	18.797	30	32	26.80	4	9004	SAN FERNAN	7160	8	BN	4946
	12	20	0	21	51.5295	1	2	33	14.343	28	17	32.15	4	9010	JUPITER	8101	3	LT	5697
	12	20	2	43	31.1531	1	23	14	4.814	-28	17	49.60	4	9007	AREQUIPA	7827	3	DU	5145
	12	20	3	6	0.0963	1	23	11	30.449	12	16	30.87	4	9010	JUPITER	8106	3	LT	5698
	12	20	3	6	24.0968	1	23	9	8.329	13	49	1.03	4	9010	JUPITER	8106	6	LT	5699
	12	20	11	4	11.9544	1	1	31	18.784	- 1	18	24.87	4	9003	WOOMERA	11938	5	MY	5150
	12	20	11	4	31.9541	1	1	30	14.881	0	27	49.12	4	9003	WOOMERA	11938	10	MY	5792
	12	20	14	12	41.6383	1	1	37	37.274	30	16	19.81	4	9006	NAIN TAL	5795	3	LT	5864
	12	20	14	12	49.6386	1	1	36	59.577	31	5	7.52	4	9006	NAIN TAL	5795	5	LT	5865
	12	20	19	48	23.9759	1	1	35	59.955	39	55	6.84	4	9004	SAN FERNAN	7165	6	BN	4947
	12	20	19	48	39.9760	1	1	34	37.934	41	32	9.49	4	9004	SAN FERNAN	7165	8	BN	4948
	12	21	6	44	5.7993	1	0	27	9.579	15	58	50.20	4	9012	MAUI	8481	3	BN	7879
	12	21	6	44	29.7982	1	0	24	37.716	18	13	19.88	4	9012	MAUI	8481	6	BN	5639
	12	21	9	37	35.3675	1	2	23	41.355	34	41	57.16	4	9005	TOKYO	7151	3	PL	5387
	12	21	9	38	39.3700	1	2	22	37.672	41	5	15.76	4	9005	TOKYO	7151	7	PL	7875
	12	21	11	51	41.7083	1	0	18	43.468	-36	24	17.70	4	9003	WOOMERA	11962	6	MY	5793
	12	21	11	51	53.7080	1	0	19	8.696	-35	16	1.52	4	9003	WOOMERA	11962	9	MY	6412
	12	21	12	23	19.7036	1	22	59	43.152	23	4	51.49	4	9005	TOKYO	7158	5	PL	6060
	12	21	12	23	51.7032	1	22	55	6.439	25	3	13.92	4	9005	TOKYO	7158	7	PL	6418
	12	21	15	7	34.7765	1	23	57	17.327	31	23	14.63	4	9006	NAIN TAL	5811	21	LT	5866
	12	21	15	7	42.7763	1	23	56	1.672	32	4	26.28	4	9006	NAIN TAL	5811	22	LT	5867
	12	21	17	51	34.3177	1	23	20	16.103	16	3	49.64	4	9008	SHIRAZ	10458	4	YK	5799
	12	21	17	51	54.3176	1	23	17	56.483	17	26	55.79	4	9008	SHIRAZ	10458	9	YK	5800
	12	21	20	41	8.4033	1	0	12	49.035	29	20	2.27	4	9004	SAN FERNAN	7180	4	BA	4953
	12	21	20	41	32.4032	1	0	9	5.700	31	28	23.81	4	9004	SAN FERNAN	7180	7	BA	4954
	12	21	23	18	17.9020	1	3	8	51.138	18	31	56.12	4	9009	CURACAO	6577	3	BN	6068
	12	21	23	18	29.9020	1	3	8	36.020	19	38	7.40	4	9009	CURACAO	6577	6	BN	5637
	12	22	2	0	20.9464	1	23	29	54.663	- 2	21	30.03	4	9009	CURACAO	6582	3	YK	5398
	12	22	2	0	28.9464	1	23	29	29.319	- 1	47	3.98	4	9009	CURACAO	6582	5	YK	5399
	12	22	2	12	20.4855	1	2	8	52.363	33	7	51.99	4	9001	ORGAN PASS	8581	3	PG	5934
	12	22	2	12	28.4841	1	2	8	31.960	33	56	23.55	4	9001	ORGAN PASS	8581	4	PG	5935
	12	22	10	31	26.4805	1	0	47	23.601	33	45	13.55	4	9005	TOKYO	7172	4	DU	5390
	12	22	10	31	42.4809	1	0	45	12.243	35	17	51.63	4	9005	TOKYO	7172	6	DU	5391
	12	22	12	43	10.0140	1	23	12	49.816	-40	38	51.37	4	9003	WOOMERA	11985	2	VD	5330
	12	22	12	43	14.0141	1	23	13	19.916	-40	20	52.79	4	9003	WOOMERA	11985	3	VD	5151
	12	22	15	59	37.1240	1	23	21	37.488	16	13	22.11	4	9006	NAIN TAL	5825	9	LT	5868
	12	22	16	0	9.1241	1	23	17	51.937	18	26	54.81	4	9006	NAIN TAL	5825	13	LT	5869
	12	22	16	0	23.0816	1	1	29	44.700	26	24	3.10	4	9008	SHIRAZ	10466	2	YK	5801
	12	22	16	0	39.0816	1	1	28	22.932	28	1	27.39	4	9008	SHIRAZ	10466	6	YK	5802

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	23	0	11	16.2549	1	1	39	0.445	13	55	49.63	4	9009	CURACAO	6588	3	MY	5400
	12	23	0	11	32.2553	1	1	37	48.002	15	34	9.63	4	9009	CURACAO	6588	5	MY	5401
	12	23	0	17	58.3962	1	2	27	2.824	27	14	52.15	4	9010	JUPITER	8119	3	LT	5700
	12	23	0	19	2.4022	1	2	25	8.669	33	38	9.92	4	9010	JUPITER	8119	11	LT	5701
	12	23	2	32	4.6149	1	22	57	29.326	-40	37	17.25	4	9011	VILLA DOLO	7734	7	BA	6064
	12	23	2	32	12.6150	1	22	58	37.843	-40	4	53.47	4	9011	VILLA DOLO	7734	8	BA	5424
	12	23	3	5	40.6731	1	0	35	50.980	27	51	31.63	4	9001	ORGAN PASS	8598	2	PG	5936
	12	23	3	5	48.6732	1	0	34	47.983	28	36	54.84	4	9001	ORGAN PASS	8598	3	PG	7860
	12	23	5	47	28.9645	1	1	50	50.326	24	7	20.41	4	9012	MAUI	8483	6	YK	5640
	12	23	8	44	18.7068	1	3	54	5.656	52	10	56.54	4	9005	TOKYO	7180	2	HC	5795
	12	23	8	44	57.0852	1	4	0	37.109	55	17	43.73	4	9005	TOKYO	7180	6	HC	5796
	12	23	11	24	30.5802	1	23	43	28.441	23	29	21.63	4	9005	TOKYO	7189	2	BN	6419
	12	23	11	25	8.9950	1	23	37	41.997	26	30	48.01	4	9005	TOKYO	7189	4	BN	7082
	12	23	14	8	33.1030	1	1	32	27.786	27	14	59.00	4	9006	NAIN TAL	5839	3	YK	5870
	12	23	14	9	4.1074	1	1	29	49.171	30	23	42.08	4	9006	NAIN TAL	5839	9	YK	7882
	12	23	16	55	2.5656	1	23	57	55.496	26	12	39.63	4	9008	SHIRAZ	10476	4	YK	5803
	12	23	16	55	18.5656	1	23	55	36.988	27	34	25.06	4	9008	SHIRAZ	10476	8	YK	5804
	12	23	20	34	51.2979	1	16	17	35.506	23	11	25.43	4	9005	TOKYO	7195	3	DM	4826
	12	23	20	34	59.2981	1	16	16	30.560	22	41	31.69	4	9005	TOKYO	7195	4	DM	4827
	12	24	1	4	10.2124	1	0	13	51.481	5	38	53.73	4	9009	CURACAO	6596	2	MY	5402
	12	24	1	4	18.2125	1	0	13	13.210	6	21	50.94	4	9009	CURACAO	6596	4	MY	5403
	12	24	1	11	20.6270	1	0	52	31.563	23	10	1.56	4	9010	JUPITER	8133	4	LT	5702
	12	24	1	11	44.6286	1	0	49	50.887	25	30	12.29	4	9010	JUPITER	8133	7	LT	5703
	12	24	3	59	47.4854	1	23	30	9.950	22	49	18.85	4	9001	ORGAN PASS	8619	8	PG	5938
	12	24	3	59	55.4866	1	23	29	2.171	23	25	9.91	4	9001	ORGAN PASS	8619	9	PG	5939
	12	24	4	0	11.4874	1	23	26	44.028	24	36	36.08	4	9001	ORGAN PASS	8619	11	PG	5940
	12	24	6	40	1.8307	1	0	24	17.953	13	23	5.93	4	9012	MAUI	8497	3	HC	5641
	12	24	6	40	33.7965	1	0	21	0.567	16	18	53.68	4	9012	MAUI	8497	7	HC	5642
	12	24	9	33	45.6062	1	2	17	22.537	33	57	41.48	4	9005	TOKYO	7204	7	DU	5393
	12	24	9	34	9.6059	1	2	16	40.611	36	22	14.68	4	9005	TOKYO	7204	10	DU	5394
	12	24	12	19	52.3858	1	22	58	50.007	23	14	43.36	4	9005	TOKYO	7209	3	DM	4746
	12	24	12	20	24.3852	1	22	54	15.713	25	9	41.77	4	9005	TOKYO	7209	5	DM	4747
	12	24	15	1	35.2807	1	0	12	0.283	18	35	57.34	4	9006	NAIN TAL	5851	3	YK	5872
	12	25	10	28	31.9278	1	0	34	14.866	37	32	52.15	4	9005	TOKYO	7223	5	DM	4748
	12	25	10	29	3.9282	1	0	28	58.242	40	31	12.44	4	9005	TOKYO	7223	7	DM	4749
	12	25	13	12	30.1248	1	2	57	0.251	34	35	8.77	4	9006	NAIN TAL	5861	5	YK	5873
	12	25	13	13	12.3029	1	2	57	33.012	38	36	21.72	4	9006	NAIN TAL	5861	13	YK	5874
	12	25	15	56	3.6558	1	23	20	24.640	16	11	43.43	4	9006	NAIN TAL	5868	1	HC	4754
	12	25	15	56	11.6557	1	23	19	29.799	16	44	18.09	4	9006	NAIN TAL	5868	2	HC	4755
	12	25	15	57	42.2674	1	1	16	48.788	32	9	8.71	4	9008	SHIRAZ	10483	4	LD	5805
	12	25	15	57	58.2676	1	1	15	7.450	33	44	48.33	4	9008	SHIRAZ	10483	8	LD	5806
	12	26	0	5	45.1861	1	1	39	44.923	2	27	55.72	4	9009	CURACAO	6602	4	RO	5406
	12	26	0	5	53.1858	1	1	39	9.841	3	16	33.97	4	9009	CURACAO	6602	5	RO	5407
	12	26	2	28	13.5051	1	22	57	0.179	-40	27	42.36	4	9011	VILLA DOLO	7764	7	BA	5426
	12	26	2	28	21.5050	1	22	58	9.457	-39	56	3.86	4	9011	VILLA DOLO	7764	8	BA	5427

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	26	5	43	5.2538	1	1	46	19.700	19	35	39.68	4	9012	MAUI	8509	3	HC 5643
	12	26	5	43	21.2526	1	1	45	9.499	21	13	47.19	4	9012	MAUI	8509	5	HC 5644
	12	26	8	41	39.5384	1	4	0	3.479	58	7	8.85	4	9005	TOKYO	7231	2	HC 4750
	12	26	8	42	11.5370	1	4	6	52.562	60	38	55.08	4	9005	TOKYO	7231	4	HC 4828
	12	26	11	21	27.0992	1	23	35	52.829	25	41	10.22	4	9005	TOKYO	7240	3	HC 4752
	12	26	11	21	35.0993	1	23	34	38.927	26	17	45.02	4	9005	TOKYO	7240	4	HC 4753
	12	26	14	4	58.9212	1	1	24	40.483	27	39	24.22	4	9006	NAIN TAL	5877	3	BA 4968
	12	26	14	5	21.1631	1	1	22	34.185	29	53	41.38	4	9006	NAIN TAL	5877	8	BA 4969
	12	27	0	47	57.0979	1	1	8	49.833	-19	28	11.73	4	9007	AREQUIPA	7850	2	DU 5146
	12	27	6	36	27.3004	1	0	18	52.941	13	31	0.91	4	9012	MAUI	8521	4	HC 5645
	12	27	6	36	43.2997	1	0	17	14.525	14	57	1.16	4	9012	MAUI	8521	6	HC 5646
	12	27	9	29	30.2787	1	2	12	3.366	30	34	58.00	4	9005	TOKYO	7250	3	MY 6416
	12	27	9	29	38.2785	1	2	11	44.184	31	23	4.81	4	9005	TOKYO	7250	4	MY 4673
	12	27	23	16	34.1287	1	2	49	29.079	49	18	43.42	4	9009	CURACAO	6608	5	LD 6062
	12	27	23	16	42.1290	1	2	49	20.893	49	57	22.89	4	9009	CURACAO	6608	6	LD 6559
	12	28	1	32	6.8819	1	23	37	14.614	-42	5	4.28	4	9011	VILLA DOLO	7790	4	BA 5428
	12	28	1	32	22.8820	1	23	38	59.217	-40	45	51.96	4	9011	VILLA DOLO	7790	6	BA 5429
	12	28	4	54	28.9133	1	3	22	8.413	65	4	30.81	4	9012	MAUI	8526	3	YK 5647
	12	28	4	55	32.9203	1	3	29	30.895	69	33	45.87	4	9012	MAUI	8526	7	YK 5648
	12	28	7	29	53.3677	1	23	29	59.485	7	41	32.06	4	9012	MAUI	8533	6	YK 5649
	12	28	7	30	9.3673	1	23	28	39.898	8	48	33.94	4	9012	MAUI	8533	8	YK 5650
	12	28	10	25	6.2765	1	0	25	36.313	38	13	42.38	4	9005	TOKYO	7253	8	PL 5339
	12	28	15	52	49.6289	1	1	16	54.879	24	37	20.78	4	9008	SHIRAZ	10508	5	LD 5807
	12	28	15	52	57.6302	1	1	16	7.997	25	25	5.85	4	9008	SHIRAZ	10508	7	PK 5808
	12	29	0	11	12.9481	1	2	11	28.015	31	4	3.18	4	9010	JUPITER	8157	4	LT 5704
	12	29	0	11	44.9474	1	2	9	48.110	34	17	18.88	4	9010	JUPITER	8157	8	LT 5705
	12	29	2	23	45.7930	1	22	51	7.917	-42	37	50.34	4	9011	VILLA DOLO	7813	3	BA 5430
	12	29	2	23	53.7932	1	22	52	25.340	-42	7	23.60	4	9011	VILLA DOLO	7813	4	BA 5431
	12	29	2	58	4.0276	1	0	27	11.136	25	16	36.71	4	9001	ORGAN PASS	8640	4	PG 5941
	12	29	2	58	8.0277	1	0	26	39.224	25	38	24.75	4	9001	ORGAN PASS	8640	5	PG 5942
	12	30	0	55	54.0318	1	0	9	51.079	0	25	44.49	4	9009	CURACAO	6619	4	RO 5408
	12	30	0	56	2.0320	1	0	9	17.296	1	6	48.67	4	9009	CURACAO	6619	5	RO 5409
	12	30	1	14	18.9016	1	3	51	54.788	66	29	42.64	4	9001	ORGAN PASS	8648	5	PG 5943
	12	30	1	14	26.9013	1	3	53	46.351	67	6	20.41	4	9001	ORGAN PASS	8648	6	PG 5944
	12	30	3	51	38.1197	1	23	34	1.882	18	3	2.96	4	9001	ORGAN PASS	8654	3	PG 7088
	12	30	3	51	46.1205	1	23	33	1.638	18	37	31.90	4	9001	ORGAN PASS	8654	4	PG 5355
	12	30	14	56	46.5113	1	2	41	13.435	33	26	21.49	4	9008	SHIRAZ	10520	5	BA 5809
	12	30	14	56	54.5153	1	2	41	6.490	34	13	32.87	4	9008	SHIRAZ	10520	7	BA 5810
	12	30	17	41	1.5341	1	23	16	56.249	16	27	18.99	4	9008	SHIRAZ	10525	4	BA 5811
	12	30	23	14	23.6902	10	2	37	26.058	56	47	12.92	4	9009	CURACAO	6626	3	RO 5410
	12	30	23	14	55.6901	10	2	36	24.883	59	8	33.76	4	9009	CURACAO	6626	7	RO 5411
	12	31	1	28	31.4878	1	23	35	43.404	-40	45	29.93	4	9011	VILLA DOLO	7827	4	BN 5432
	12	31	1	28	39.5186	1	23	36	37.363	-40	6	33.91	4	9011	VILLA DOLO	7827	5	BN 5433
	12	31	2	2	3.2250	1	1	43	16.030	37	32	34.95	4	9001	ORGAN PASS	8666	3	PG 6432
	12	31	2	2	11.2233	1	1	42	34.959	38	20	42.81	4	9001	ORGAN PASS	8666	4	PG 5357

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1962	12	31	10	19	28.4569	1	C	37	39.267	26	47	29.12	4	9005	TOKYO	7259	3	DM	5340
	12	31	10	19	44.4573	1	0	35	29.813	28	15	59.23	4	9005	TOKYO	7259	4	DM	4675

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	7	13	12	58	32.6956	1	3	13	38.539	25	27	55.29	4	9012	MAUI	6992 12	PB	3340
	7	13	12	59	4.6958	1	3	19	22.621	20	38	13.41	4	9012	MAUI	6992 16	PB	3341
	7	14	10	10	45.3321	3	2	18	28.345	53	2	17.38	4	9007	AREQUIPA	6517 4	PB	3617
	7	14	10	10	57.3328	3	2	29	2.504	51	25	50.71	4	9007	AREQUIPA	6517 7	PB	3618
	7	14	20	47	16.2234	1	3	56	34.163	31	45	58.86	4	9003	WOOMERA	10139 22	SS	3670
	7	15	9	50	25.9694	3	2	52	20.908	50	2	36.11	4	9007	AREQUIPA	6528 4	PB	5830
	7	15	9	50	41.9694	3	3	4	15.135	47	37	28.15	4	9007	AREQUIPA	6528 8	PB	3620
	7	16	11	54	47.2739	1	2	30	0.344	39	22	13.37	4	9012	MAUI	7047 3	PB	3342
	7	16	11	54	49.2739	1	2	30	22.676	39	4	40.81	4	9012	MAUI	7047 4	PB	3343
	7	17	23	54	7.0140	1	12	34	24.610	21	47	16.30	4	9009	CURACAO.	5559 5	SS	3651
	7	17	23	54	39.0138	1	12	38	4.563	22	59	23.42	4	9009	CURACAO	5559 7	SS	3652
	7	18	3	37	45.8981	1	2	9	46.857	40	5	9.61	4	9002	OLIFANTS	8277 14	FI	3666
	7	18	3	38	6.3568	1	2	26	33.189	37	19	0.84	4	9002	OLIFANTS	8277 19	FI	3667
	7	18	3	43	26.3296	1	5	55	29.743	-12	3	25.02	4	9002	OLIFANTS	8278 11	NG	3658
	7	19	3	17	24.3936	1	2	37	23.362	38	28	18.49	4	9002	OLIFANTS	8297 5	NG	3659
	7	19	3	17	40.3938	1	2	49	42.130	36	8	14.98	4	9002	OLIFANTS	8297 9	NG	3660
	7	19	3	21	35.7499	1	5	18	48.875	- 1	43	45.02	4	9002	OLIFANTS	8298 6	SE	3661
	7	19	3	21	51.7499	1	5	26	40.750	- 3	43	26.26	4	9002	OLIFANTS	8298 10	SE	3662
	7	19	10	51	38.3517	1	1	48	56.881	43	59	46.81	4	9012	MAUI	7090 3	FI	3344
	7	19	10	52	2.3521	1	1	53	14.551	41	5	48.09	4	9012	MAUI	7090 9	FI	3345
	7	20	3	0	10.8944	1	4	54	10.819	6	18	54.96	4	9002	OLIFANTS	8315 11	SE	3663
	7	21	10	9	46.3524	1	1	22	23.219	44	13	42.71	4	9012	MAUI	7116 4	SS	3346
	7	21	10	9	58.3524	1	1	24	30.437	42	56	54.23	4	9012	MAUI	7116 7	SS	3347
	7	22	9	47	57.0089	1	0	58	37.053	49	34	22.39	4	9012	MAUI	7134 3	SS	3348
	7	22	9	48	13.0261	1	1	1	48.722	47	56	19.15	4	9012	MAUI	7134 7	SS	3349
	7	25	6	13	13.1872	1	18	43	46.273	68	27	3.60	4	9009	CURACAO	5642 4	NG	3656
	7	25	6	13	14.5415	1	22	42	18.846	38	40	46.00	4	9010	JUPITER	7118 4	HB	3647
	7	25	6	13	21.1879	1	18	52	24.447	68	36	2.73	4	9009	CURACAO	5642 5	NG	3657
	7	25	6	13	22.5426	1	22	48	33.544	37	23	39.31	4	9010	JUPITER	7118 6	HB	3648
	7	25	9	9	55.2283	1	0	27	33.315	37	51	2.23	4	9011	VILLA DOLO	6267 3	CB	3337
	7	25	9	10	3.2284	1	0	33	43.884	37	9	33.03	4	9011	VILLA DOLO	6267 5	CB	3338
	7	25	16	43	33.4674	3	18	56	21.078	11	44	15.03	4	9005	TOKYO	6113 3	SS	3610
	7	25	16	43	53.4672	3	19	6	32.395	9	57	12.97	4	9005	TOKYO	6113 8	SS	3611
	7	26	0	37	5.2511	1	23	7	54.930	8	25	19.24	4	9004	SAN FERNAN	6117 5	SS	3608
	7	26	0	37	13.2510	1	23	11	31.793	7	29	14.49	4	9004	SAN FERNAN	6117 7	SS	3609
	7	26	5	52	17.0735	1	18	56	36.047	70	37	5.55	4	9009	CURACAO	5656 3	NG	3654
	7	26	5	52	17.5006	1	22	44	43.916	40	22	25.50	4	9010	JUPITER	7134 5	HB	3649
	7	26	5	52	25.0737	1	19	6	14.483	70	43	3.17	4	9009	CURACAO	5656 4	NG	3655
	7	26	5	52	29.5019	1	22	53	14.400	38	33	1.52	4	9010	JUPITER	7134 8	HB	3650
	7	26	11	7	26.9010	1	21	51	9.959	61	18	47.96	4	9012	MAUI	7161 4	HB	4122
	7	26	11	7	30.9012	1	21	55	33.891	60	55	53.04	4	9012	MAUI	7161 6	HB	3351
	7	26	16	23	7.2302	3	19	8	54.124	12	24	7.70	4	9005	TOKYO	6130 5	SS	3612
	7	26	19	20	8.3713	1	0	21	5.678	38	55	59.63	4	9003	WOOMERA	10267 7	SS	3671
	7	26	19	20	20.3712	1	0	30	41.254	37	52	7.76	4	9003	WOOMERA	10267 10	SS	3672
	7	27	8	29	53.6486	1	4	11	19.910	-18	50	9.90	4	9007	AREQUIPA	6658 2	PB	3621

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	7	27	8	30	9.6488	1	4	22	29.665	-20	52	19.24	4	9007	AREQUIPA	6658	6	PB	3622
	7	27	10	40	53.6222	1	16	17	42.659	64	20	13.96	4	9012	MAUI	7174	3	HB	3352
	7	27	10	41	5.6223	1	16	24	48.711	64	47	11.12	4	9012	MAUI	7174	6	HB	3353
	7	28	2	54	31.6661	1	23	13	23.331	12	41	48.50	4	9002	OLIFANTS	8428	3	SS	3668
	7	28	2	57	26.1475	1	2	47	42.505	-30	26	26.14	4	9002	OLIFANTS	8428	20	SS	3669
	7	28	10	19	19.9959	1	16	0	56.349	65	5	27.72	4	9012	MAUI	7189	3	HB	3354
	7	28	10	19	59.9958	1	16	25	1.162	66	34	18.02	4	9012	MAUI	7189	8	HB	3355
	7	28	18	42	34.7879	1	3	44	4.090	9	9	42.76	4	9003	WOOMERA	10285	6	SS	3673
	7	28	18	42	38.7878	1	3	46	54.166	8	31	41.40	4	9003	WOOMERA	10285	8	SS	3674
	7	30	10	13	24.3469	1	23	43	8.285	-42	4	20.03	4	9011	VILLA DOLO	6288	5	CB	3339
	7	30	12	3	3.7058	3	14	29	26.086	51	15	33.78	4	9005	TOKYO	6164	9	SS	3613
	7	30	12	4	7.7066	3	14	51	23.705	53	22	26.13	4	9005	TOKYO	6164	13	SS	3614
	7	31	1	56	3.3187	1	4	5	28.751	-20	20	19.05	4	9002	OLIFANTS	8480	7	SE	3664
	7	31	1	56	11.3187	1	4	12	55.798	-21	20	16.06	4	9002	OLIFANTS	8480	9	SE	3665
	7	31	4	4	53.3979	1	17	31	42.443	75	15	35.01	4	9009	CURACAO	5692	4	SS	3653
	7	31	9	51	11.0000	1	21	51	19.612	-77	28	32.99	4	9007	AREQUIPA	6700	3	FI	3623
	7	31	9	51	22.9998	1	22	7	41.948	-79	44	20.34	4	9007	AREQUIPA	6700	6	FI	3624
	7	31	11	41	5.0189	3	14	16	17.465	50	45	10.80	4	9005	TOKYO	6178	10	SS	3615
	7	31	11	42	9.0195	3	14	36	55.541	52	49	27.57	4	9005	TOKYO	6178	14	SS	3616
	7	31	19	46	19.9171	3	15	44	2.847	52	1	27.96	4	9008	SHIRAZ	8874	11	SS	3646
	8	1	1	36	23.2337	1	4	50	24.623	-22	11	42.07	4	9002	OLIFANTS	8498	4	FI	4384
	8	1	9	30	56.2455	1	0	31	12.238	-83	41	3.39	4	9007	AREQUIPA	6716	6	SS	5157
	8	1	9	31	12.2452	1	2	23	9.688	-84	40	36.52	4	9007	AREQUIPA	6716	10	SS	5158
	8	1	9	33	40.8127	1	3	38	51.609	-57	46	31.60	4	9011	VILLA DOLO	6303	4	SS	5169
	8	1	9	33	44.8126	1	3	47	42.609	-57	54	7.30	4	9011	VILLA DOLO	6303	6	SS	5170
	8	2	9	13	38.8516	1	5	8	31.197	-52	54	31.60	4	9011	VILLA DOLO	6315	6	SS	5171
	8	2	9	13	50.8513	1	5	25	48.453	-52	23	31.60	4	9011	VILLA DOLO	6315	9	SS	5172
	8	2	19	44	4.6220	3	4	7	10.993	-58	43	33.17	4	9003	WOOMERA	10342	5	BZ	4380
	8	2	19	44	10.6218	3	4	19	49.715	-58	38	42.47	4	9003	WOOMERA	10342	8	BZ	4381
	8	3	3	40	45.7457	1	8	35	12.193	-71	48	48.88	4	9002	OLIFANTS	8553	4	FI	7645
	8	3	3	41	9.7460	1	8	44	0.264	-68	35	35.89	4	9002	OLIFANTS	8553	7	FI	4385
	8	3	19	23	36.1180	3	4	44	28.250	-53	31	6.38	4	9003	WOOMERA	10358	2	NG	4695
	8	3	19	23	52.1178	3	5	9	19.574	-52	53	16.58	4	9003	WOOMERA	10358	10	NG	4696
	8	3	21	12	23.8295	1	14	40	39.955	52	1	57.45	4	9004	SAN FERNAN	6209	8	BZ	4365
	8	4	3	19	43.2700	1	8	13	7.466	-71	21	7.74	4	9002	OLIFANTS	8577	8	FI	4386
	8	4	8	32	50.0427	1	5	46	25.562	-42	21	57.98	4	9011	VILLA DOLO	6339	6	SS	5173
	8	4	8	32	58.0427	1	5	53	25.665	-42	7	2.45	4	9011	VILLA DOLO	6339	8	SS	5174
	8	4	19	3	32.8584	3	5	35	34.690	-47	0	17.62	4	9003	WOOMERA	10376	2	BZ	4382
	8	4	19	3	52.8578	3	5	55	6.222	-46	4	32.00	4	9003	WOOMERA	10376	7	BZ	4383
	8	5	2	58	53.3079	1	7	55	20.771	-69	2	58.06	4	9002	OLIFANTS	8597	4	FI	5851
	8	5	2	59	9.3082	1	8	3	32.089	-66	52	54.60	4	9002	OLIFANTS	8597	6	FI	4389
	8	5	4	49	54.7712	1	14	52	48.943	52	27	51.10	4	9001	ORGAN PASS	7282	3	LD	4674
	8	5	4	50	34.7758	1	15	7	17.899	53	15	40.90	4	9001	ORGAN PASS	7282	8	LD	4675
	8	6	2	35	35.8896	1	23	45	50.231	-78	33	22.05	4	9002	OLIFANTS	8621	4	FI	5852
	8	6	2	35	51.8893	1	1	5	12.985	-80	56	11.60	4	9002	OLIFANTS	8621	8	FI	7781

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	8	6	2	37	41.9765	1	7	21	9.337	-69	38	12.87	4	9002	OLIFANTS	8622	3	FI	4392
	8	6	2	37	57.9761	1	7	32	53.280	-67	23	6.81	4	9002	OLIFANTS	8622	7	FI	7646
	8	6	4	28	23.8856	1	14	46	17.873	53	28	30.19	4	9001	ORGAN PASS	7292	6	WS	5140
	8	6	4	28	47.8855	1	14	54	55.315	53	57	38.91	4	9001	ORGAN PASS	7292	9	WS	5141
	8	6	9	56	9.2172	1	16	24	24.810	48	47	17.94	4	9012	MAUI	7243	3	AA	4599
	8	6	9	56	33.2172	1	16	33	40.928	48	44	8.98	4	9012	MAUI	7243	6	VE	4600
	8	7	2	16	6.9761	1	6	3	2.288	-73	27	59.73	4	9002	OLIFANTS	8640	3	NG	4693
	8	7	2	16	22.9757	1	6	28	57.253	-71	7	3.17	4	9002	OLIFANTS	8640	5	NG	4694
	8	7	9	33	24.8839	1	15	47	11.836	50	43	32.93	4	9012	MAUI	7253	6	NG	5856
	8	7	9	33	40.8840	1	15	52	39.092	50	48	52.86	4	9012	MAUI	7253	8	NG	4598
	8	7	10	10	28.2770	1	21	8	44.004	-39	11	38.42	4	9011	VILLA DOLO	6392	5	CB	4570
	8	7	10	10	36.2767	1	21	10	0.198	-40	40	20.48	4	9011	VILLA DOLO	6392	7	CB	4571
	8	8	3	44	24.4492	1	14	16	50.435	54	6	58.72	4	9001	ORGAN PASS	7311	2	LD	4676
	8	8	3	44	56.4495	1	14	27	30.438	54	47	35.34	4	9001	ORGAN PASS	7311	6	LD	4677
	8	8	3	54	8.2016	1	15	22	44.087	48	9	32.58	4	9010	JUPITER	7244	7	VE	4603
	8	8	9	11	47.1461	10	15	34	43.938	52	32	15.21	4	9012	MAUI	7266	4	NG	4596
	8	8	9	12	3.1457	10	15	40	12.848	52	39	49.92	4	9012	MAUI	7266	6	NG	4597
	8	8	20	24	27.1775	3	4	44	29.786	-88	15	11.99	4	9003	WOOMERA	10422	2	BZ	4378
	8	8	20	24	35.1774	3	6	53	2.856	-87	2	4.66	4	9003	WOOMERA	10422	6	BZ	4379
	8	9	3	23	1.7406	1	14	15	55.316	55	9	2.26	4	9001	ORGAN PASS	7325	4	LD	4906
	8	9	3	23	17.7410	1	14	21	22.155	55	28	41.38	4	9001	ORGAN PASS	7325	6	LD	4907
	8	10	0	45	56.8409	1	17	29	43.614	2	53	38.05	4	9004	SAN FERNAN	6271	3	BZ	4366
	8	10	0	46	20.8406	1	17	35	46.341	1	25	45.66	4	9004	SAN FERNAN	6271	6	BZ	4367
	8	10	3	8	6.4979	1	17	15	19.730	58	19	21.25	4	9001	ORGAN PASS	7341	4	LD	4909
	8	10	3	8	30.4977	1	17	28	10.971	57	54	55.08	4	9001	ORGAN PASS	7341	7	LD	4910
	8	10	3	9	38.2388	1	18	3	54.654	56	19	19.64	4	9001	ORGAN PASS	7341	12	LD	4911
	8	10	3	9	46.2386	1	18	8	2.624	56	5	26.18	4	9001	ORGAN PASS	7341	14	LD	4912
	8	10	3	23	58.2592	1	19	6	25.877	54	56	54.82	4	9009	CURACAO	5783	2	PB	6069
	8	10	3	24	14.2600	1	19	16	23.060	54	17	7.12	4	9009	CURACAO	5783	4	PB	6070
	8	10	6	1	31.7292	1	19	2	57.976	11	17	50.16	4	9001	ORGAN PASS	7347	4	LE	5148
	8	10	6	1	37.7292	1	19	5	29.801	10	45	44.20	4	9001	ORGAN PASS	7347	7	LE	5149
	8	10	8	39	22.2720	1	20	42	9.970	38	0	19.23	4	9012	MAUI	7289	4	VE	4594
	8	10	8	39	30.2719	1	20	46	10.594	37	14	48.52	4	9012	MAUI	7289	6	VE	4595
	8	10	13	54	28.3320	3	18	27	23.211	5	26	53.56	4	9005	TOKYO	6292	6	WS	7453
	8	10	13	54	52.3322	3	18	36	2.964	3	31	39.91	4	9005	TOKYO	6292	12	WS	7454
	8	10	16	19	40.4654	3	19	12	37.444	55	21	55.94	4	9008	SHIRAZ	8974	4	SS	5162
	8	10	16	19	52.4654	3	19	17	57.514	54	49	51.62	4	9008	SHIRAZ	8974	7	SS	5163
	8	10	19	10	29.5889	3	19	26	24.750	15	36	4.89	4	9008	SHIRAZ	8979	5	SS	5164
	8	10	19	10	37.5894	3	19	29	59.492	14	50	37.36	4	9008	SHIRAZ	8979	7	SS	5165
	8	10	19	40	52.2104	3	20	50	4.081	-63	58	14.47	4	9003	WOOMERA	10437	2	LE	4703
	8	10	19	41	0.2103	3	20	52	31.692	-66	4	47.57	4	9003	WOOMERA	10437	6	LE	4704
	8	10	19	42	36.8912	3	4	34	48.187	-87	30	10.75	4	9003	WOOMERA	10438	3	SC	5138
	8	10	19	42	48.8910	3	6	47	10.000	-85	24	57.02	4	9003	WOOMERA	10438	9	SC	5139
	8	10	21	47	50.9678	10	21	20	11.640	2	43	18.22	4	9004	SAN FERNAN	6284	2	BZ	4368
	8	10	21	48	22.9671	10	21	29	28.100	0	19	59.63	4	9004	SAN FERNAN	6284	6	BZ	4369

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	11	2	50	41.1940	1	19	9	3.899	50	45	9.78	4	9001	ORGAN PASS	7354	5	WS	5152
	8	11	2	50	53.1942	1	19	13	59.770	50	11	54.84	4	9001	ORGAN PASS	7354	8	WS	5153
	8	11	2	55	4.6258	1	20	39	16.074	36	7	48.85	4	9001	ORGAN PASS	7355	4	WS	5154
	8	11	2	55	12.6260	1	20	41	29.530	35	37	55.64	4	9001	ORGAN PASS	7355	6	WS	5155
	8	11	5	41	19.9569	1	19	26	28.821	9	22	35.86	4	9001	ORGAN PASS	7360	3	LD	4915
	8	11	8	19	5.1701	10	21	6	24.264	34	24	46.98	4	9012	MAUI	7300	3	VE	4592
	8	11	8	19	13.1727	10	21	9	52.462	33	37	38.43	4	9012	MAUI	7300	5	VE	4593
	8	11	18	50	24.9327	3	19	54	57.535	12	36	44.23	4	9008	SHIRAZ	8987	3	SS	5166
	8	11	18	50	28.9326	3	19	56	40.625	12	13	14.78	4	9008	SHIRAZ	8987	5	SS	5167
	8	11	19	22	16.7904	3	7	24	49.304	-79	59	11.13	4	9003	WOOMERA	10451	3	SC	4893
	8	11	19	22	24.7903	3	7	35	54.049	-78	17	9.43	4	9003	WOOMERA	10451	7	SC	8834
	8	11	21	9	28.1833	1	14	45	57.706	46	31	2.34	4	9004	SAN FERNAN	6296	4	BZ	4370
	8	11	21	10	0.1830	1	14	56	3.907	46	43	32.76	4	9004	SAN FERNAN	6296	6	BZ	4371
	8	11	21	26	47.6547	1	21	14	43.108	4	45	28.50	4	9004	SAN FERNAN	6297	2	BZ	4372
	8	11	21	27	11.6545	1	21	21	16.971	3	2	9.28	4	9004	SAN FERNAN	6297	5	BZ	4373
	8	12	2	43	50.8167	1	20	35	50.393	49	23	20.17	4	9009	CURACAO	5794	5	NG	4608
	8	12	2	43	58.8165	1	20	40	5.496	48	47	12.97	4	9009	CURACAO	5794	6	NG	4609
	8	12	5	21	9.6989	1	19	49	50.146	7	7	24.09	4	9001	ORGAN PASS	7373	5	LD	4913
	8	12	5	21	25.6990	1	19	56	13.278	5	38	4.50	4	9001	ORGAN PASS	7373	9	LD	4914
	8	12	8	31	1.8395	1	7	18	52.529	-68	42	16.29	4	9011	VILLA DOLO	6414	2	CB	4572
	8	12	8	31	21.8397	1	7	32	34.993	-65	5	49.55	4	9011	VILLA DOLO	6414	7	CB	4573
	8	12	18	30	33.9395	3	20	26	19.536	8	6	1.89	4	9008	SHIRAZ	8998	5	SS	5168
	8	13	8	10	18.3973	1	7	4	54.921	-65	32	22.59	4	9011	VILLA DOLO	6418	4	CB	4574
	8	13	8	10	30.3969	1	7	13	21.137	-63	27	0.17	4	9011	VILLA DOLO	6418	7	CB	4575
	8	13	18	41	14.4860	3	7	19	31.951	-68	48	8.92	4	9003	WOOMERA	10467	4	SC	4894
	8	13	20	32	33.9731	1	16	55	3.399	46	57	40.49	4	9004	SAN FERNAN	6311	8	BZ	4374
	8	13	20	33	5.9732	1	17	8	21.525	46	13	12.51	4	9004	SAN FERNAN	6311	10	BZ	4375
	8	14	4	40	39.3205	1	20	26	32.825	3	26	22.22	4	9001	ORGAN PASS	7387	2	LE	5146
	8	14	4	40	51.3207	1	20	30	40.847	2	24	16.23	4	9001	ORGAN PASS	7387	5	LE	5147
	8	14	7	19	5.9247	1	22	1	59.973	19	5	43.72	4	9012	MAUI	7314	3	FI	4590
	8	14	7	19	13.9246	1	22	4	6.574	18	24	16.53	4	9012	MAUI	7314	5	FI	4591
	8	16	9	16	19.6847	1	17	33	16.317	17	25	54.38	4	9012	MAUI	7321	3	FI	4588
	8	16	9	16	27.6846	1	17	35	44.022	16	53	15.63	4	9012	MAUI	7321	5	FI	4589
	8	16	20	24	38.6900	3	9	19	47.310	-70	52	57.84	4	9003	WOOMERA	10501	2	LE	4705
	8	16	20	24	42.6899	3	9	18	53.257	-70	8	27.78	4	9003	WOOMERA	10501	4	LE	4706
	8	16	22	25	38.4081	1	19	20	57.603	-12	53	13.53	4	9004	SAN FERNAN	6332	5	BZ	4376
	8	16	22	25	50.4081	1	19	24	44.760	-13	48	17.03	4	9004	SAN FERNAN	6332	8	BZ	4377
	8	17	3	19	29.8438	1	14	14	43.423	47	30	2.60	4	9001	ORGAN PASS	7405	3	CB	7294
	8	17	3	20	1.8442	1	14	23	36.419	47	38	54.85	4	9001	ORGAN PASS	7405	7	CB	5151
	8	17	6	18	50.3175	1	17	36	19.029	- 6	1	49.02	4	9001	ORGAN PASS	7410	3	LD	7751
	8	17	6	19	6.3172	1	17	40	8.604	- 7	9	54.83	4	9001	ORGAN PASS	7410	7	LD	7244
	8	17	8	56	32.9110	1	18	0	26.900	14	25	41.59	4	9012	MAUI	7333	4	HB	5316
	8	17	8	56	44.9107	1	18	4	30.929	13	27	52.51	4	9012	MAUI	7333	7	HB	5317
	8	17	9	30	57.2441	1	16	49	25.111	-87	6	17.23	4	9011	VILLA DOLO	6444	4	CB	4576
	8	17	9	31	9.2437	1	12	56	31.163	-87	21	37.34	4	9011	VILLA DOLO	6444	7	CB	5854

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1962	8	18	5	48	34.2054	1	20	4	20.709	45	41	52.88	4	9012	MAUI	7337	3	HB	5318
	8	18	5	48	50.2052	1	20	8	54.236	44	46	42.50	4	9012	MAUI	7337	7	HB	5319
	8	18	8	36	22.4159	1	18	23	0.628	12	38	12.31	4	9012	MAUI	7340	3	HB	5320
	8	18	8	36	30.4157	1	18	25	52.541	11	56	29.06	4	9012	MAUI	7340	5	HB	5321
	8	18	9	8	14.9527	1	19	47	45.466	-63	31	52.52	4	9011	VILLA DOLO	6457	6	FI	4578
	8	18	9	10	6.0360	1	15	32	8.544	-86	31	55.30	4	9011	VILLA DOLO	6458	3	WS	4579
	8	18	9	10	22.0357	1	11	49	39.184	-85	45	20.19	4	9011	VILLA DOLO	6458	6	WS	4580
	8	18	19	39	44.5110	3	19	25	8.412	-69	7	55.94	4	9003	WOOMERA	10523	7	SC	4895
	8	18	19	39	52.5107	3	19	21	2.734	-70	47	47.95	4	9003	WOOMERA	10523	9	SC	4896
	8	18	19	41	55.4695	3	10	20	0.466	-80	21	31.40	4	9003	WOOMERA	10524	6	SC	4897
	8	18	19	42	3.4696	3	10	3	38.736	-78	50	55.61	4	9003	WOOMERA	10524	8	SC	7243
	8	19	5	39	12.0263	1	18	11	29.980	-13	21	50.03	4	9001	ORGAN PASS	7431	2	LD	4917
	8	19	5	39	16.0267	1	18	12	34.877	-13	40	32.63	4	9001	ORGAN PASS	7431	3	LD	4918
	8	19	8	16	49.7137	1	19	1	24.777	6	51	17.92	4	9012	MAUI	7346	3	WS	5322
	8	19	8	17	1.7133	1	19	5	55.128	5	40	50.61	4	9012	MAUI	7346	6	WS	5323
	8	19	8	48	35.0138	1	18	43	40.179	-79	15	40.54	4	9011	VILLA DOLO	6467	4	WS	4581
	8	19	8	48	43.0134	1	18	26	4.595	-81	0	20.72	4	9011	VILLA DOLO	6467	6	WS	4582
	8	19	8	50	10.3499	10	9	28	56.249	-77	11	48.12	4	9011	VILLA DOLO	6468	4	SC	5687
	8	19	8	50	14.3497	10	9	24	38.014	-76	22	14.99	4	9011	VILLA DOLO	6468	5	SC	5688
	8	19	19	19	25.0199	10	18	39	55.595	-75	44	37.38	4	9003	WOOMERA	10529	4	SS	4697
	8	19	19	19	35.0198	10	18	24	23.864	-77	48	52.69	4	9003	WOOMERA	10529	9	SS	4698
	8	19	19	20	59.6350	3	10	27	33.933	-80	16	23.97	4	9003	WOOMERA	10530	5	SC	4899
	8	19	19	21	5.6350	3	10	12	47.135	-79	10	14.43	4	9003	WOOMERA	10530	8	SC	4900
	8	19	21	25	32.1333	1	20	13	2.504	-18	36	43.71	4	9004	SAN FERNAN	6349	3	CB	4707
	8	19	21	26	4.1333	1	20	21	58.571	-20	36	46.51	4	9004	SAN FERNAN	6349	7	CB	4708
	8	20	2	41	28.6352	1	18	17	32.854	21	41	2.03	4	9009	CURACAO	5820	4	NG	4610
	8	20	2	41	36.6356	1	18	20	26.628	21	3	15.93	4	9009	CURACAO	5820	5	NG	4611
	8	20	7	56	36.3600	1	19	25	8.261	4	31	42.36	4	9012	MAUI	7350	3	WS	5324
	8	20	7	56	48.3597	1	19	29	35.966	3	20	48.63	4	9012	MAUI	7350	6	WS	5325
	8	20	18	59	59.2696	3	10	46	59.155	-81	7	21.30	4	9003	WOOMERA	10537	8	SC	4901
	8	20	19	0	1.2695	3	10	39	50.985	-80	47	3.01	4	9003	WOOMERA	10537	9	SC	4902
	8	20	19	2	43.6161	3	8	47	47.247	-52	36	31.66	4	9003	WOOMERA	10538	3	SC	5809
	8	20	19	2	51.6160	3	8	47	13.739	-51	29	34.24	4	9003	WOOMERA	10538	5	SC	4903
	8	21	2	21	14.7039	1	18	42	47.016	20	1	13.89	4	9009	CURACAO	5825	4	NG	4612
	8	21	2	21	30.7037	1	18	48	52.996	18	37	42.40	4	9009	CURACAO	5825	6	NG	4613
	8	21	4	58	51.9578	1	18	42	26.628	-17	40	31.58	4	9001	ORGAN PASS	7446	6	WS	5142
	8	21	4	58	59.9577	1	18	44	44.663	-18	17	30.21	4	9001	ORGAN PASS	7446	8	WS	5143
	8	21	7	37	9.0771	1	20	4	3.639	- 2	16	40.58	4	9012	MAUI	7356	4	WS	5326
	8	21	7	37	17.0768	1	20	6	55.708	- 3	2	53.29	4	9012	MAUI	7356	6	WS	5327
	8	21	18	39	59.0653	3	9	8	46.654	-70	53	35.38	4	9003	WOOMERA	10548	6	SS	4699
	8	21	18	40	3.0652	3	9	6	5.287	-70	7	54.74	4	9003	WOOMERA	10548	8	SS	4700
	8	21	18	41	58.4432	3	8	37	44.152	-51	12	18.04	4	9003	WOOMERA	10549	3	SC	4904
	8	21	18	42	14.4433	3	8	36	50.120	-49	4	18.51	4	9003	WOOMERA	10549	7	SC	4905
	8	22	1	59	17.1445	1	18	30	2.739	26	16	56.45	4	9009	CURACAO	5829	4	LE	4614
	8	22	1	59	49.1450	1	18	41	50.089	23	52	47.48	4	9009	CURACAO	5829	8	LE	4615

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	22	2	1	37.0567	1	20	39	30.206	-14	44	4.14	4	9010	JUPITER	7290	3	VE	4601
	8	22	2	1	45.0564	1	20	41	52.378	-15	18	41.04	4	9010	JUPITER	7290	4	VE	4602
	8	22	7	14	46.8810	1	19	39	40.579	7	23	53.25	4	9012	MAUI	7366	4	SE	5328
	8	22	7	14	58.8808	1	19	43	44.618	6	19	10.55	4	9012	MAUI	7366	7	SE	5329
	8	22	7	48	31.0165	1	8	28	54.020	-64	22	42.86	4	9011	VILLA DOLO	6478	4	LE	4583
	8	22	7	48	43.0162	1	8	26	27.569	-62	10	59.18	4	9011	VILLA DOLO	6478	7	LE	5855
	8	22	20	14	1.8796	1	17	57	27.635	17	52	19.68	4	9004	SAN FERNAN	6369	4	CB	4709
	8	22	20	14	25.8794	1	18	4	0.358	16	33	28.36	4	9004	SAN FERNAN	6369	7	CB	4710
	8	22	23	3	49.0063	1	17	48	46.160	-23	50	56.84	4	9004	SAN FERNAN	6373	3	SS	5175
	8	22	23	4	5.0061	1	17	52	2.616	-24	52	17.25	4	9004	SAN FERNAN	6373	5	SS	5176
	8	23	1	41	42.2959	1	19	55	24.563	9	42	44.61	4	9009	CURACAO	5836	3	LE	4616
	8	23	1	42	6.2961	1	20	4	36.315	7	15	23.79	4	9009	CURACAO	5836	6	LE	5858
	8	23	6	56	40.2210	1	20	38	30.397	- 5	53	18.05	4	9012	MAUI	7377	3	SE	5330
	8	23	6	56	48.2208	1	20	40	59.353	- 6	33	7.82	4	9012	MAUI	7377	5	SE	5331
	8	24	1	9	12.8159	1	16	8	44.011	48	1	40.17	4	9009	CURACAO	5842	4	LE	5859
	8	24	1	9	44.8146	1	16	18	18.558	47	25	34.55	4	9009	CURACAO	5842	6	LE	5860
	8	24	6	18	11.0295	1	15	12	32.048	49	16	29.26	4	9012	MAUI	7385	3	SC	5681
	8	24	6	18	43.0291	1	15	21	52.915	48	55	43.70	4	9012	MAUI	7385	7	SC	5682
	8	24	6	37	27.0234	1	21	8	30.892	-11	51	48.66	4	9012	MAUI	7387	2	NG	5332
	8	24	6	37	43.0232	1	21	13	1.360	-13	0	10.97	4	9012	MAUI	7387	6	AA	5333
	8	24	9	15	12.9176	1	16	59	39.213	-10	2	4.40	4	9012	MAUI	7389	3	SC	5683
	8	24	9	15	36.9173	1	17	3	51.294	-11	45	7.02	4	9012	MAUI	7389	9	SC	5684
	8	24	9	50	10.7416	1	23	34	48.809	-81	10	16.28	4	9011	VILLA DOLO	6499	2	LE	4586
	8	24	9	50	18.7412	1	0	18	19.169	-82	18	38.91	4	9011	VILLA DOLO	6499	4	LE	4587
	8	24	20	22	14.6930	10	6	5	38.168	-80	37	41.39	4	9003	WOOMERA	10584	11	LE	4701
	8	26	0	42	54.0282	1	21	32	20.806	36	22	43.86	4	9007	AREQUIPA	6933	6	SS	5161
	8	26	3	19	49.6114	1	16	42	57.209	- 2	48	48.82	4	9009	CURACAO	5855	3	SE	4619
	8	26	5	46	23.7398	1	18	39	48.344	29	30	28.59	4	9012	MAUI	7404	4	SC	5685
	8	26	5	46	31.7397	1	18	42	5.508	29	1	44.86	4	9012	MAUI	7404	6	SC	5686
	8	26	19	37	21.2225	10	19	58	6.059	-57	50	5.33	4	9003	WOOMERA	10600	6	LE	4702
	8	26	19	40	59.9739	3	8	6	37.591	-74	36	30.09	4	9003	WOOMERA	10601	3	SS	7647
	8	26	19	41	15.9737	3	8	8	58.890	-70	46	21.41	4	9003	WOOMERA	10601	11	SS	5178
	8	27	2	44	50.9268	1	16	56	41.476	20	15	18.65	4	9001	ORGAN PASS	7475	6	CB	4604
	8	27	2	45	2.9295	1	16	59	41.970	19	41	14.80	4	9001	ORGAN PASS	7475	9	CB	5857
	8	27	3	34	45.4538	1	21	0	23.418	-80	54	0.82	4	9002	OLIFANTS	8972	5	FI	4394
	8	27	3	35	1.4538	1	21	21	31.226	-83	50	15.88	4	9002	OLIFANTS	8972	9	FI	4395
	8	27	3	36	58.0143	1	8	9	52.360	-72	2	16.55	4	9002	OLIFANTS	8973	6	FI	4396
	8	27	3	37	10.0147	1	8	13	22.707	-69	32	20.12	4	9002	OLIFANTS	8973	9	FI	5853
	8	27	5	33	35.6697	1	20	44	47.970	- 2	43	53.18	4	9012	MAUI	7409	4	SC	5673
	8	27	5	33	51.6694	1	20	48	24.800	- 3	44	40.27	4	9012	MAUI	7409	6	SC	5674
	8	27	8	16	1.9105	1	17	48	31.080	-24	25	38.20	4	9012	MAUI	7412	3	SC	5675
	8	27	8	16	13.9105	1	17	51	25.797	-25	27	0.59	4	9012	MAUI	7412	6	SC	5676
	8	27	19	17	39.1210	10	19	32	36.508	-70	42	0.06	4	9003	WOOMERA	10616	3	SS	5179
	8	28	2	29	36.6032	1	18	25	45.554	1	52	27.04	4	9001	ORGAN PASS	7486	3	LE	5144
	8	28	2	30	0.6031	1	18	31	27.410	0	25	27.65	4	9001	ORGAN PASS	7486	6	LE	5145

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	8	28	2	33	20.0302	1	19	18	23.243	-11	35	16.71	4	9001	ORGAN PASS	7487	3	CB	4606
	8	28	2	33	36.0299	1	19	22	7.926	-12	31	33.11	4	9001	ORGAN PASS	7487	5	CB	4607
	8	28	7	56	26.5712	1	18	14	14.847	-30	13	17.80	4	9012	MAUI	7421	2	SC	5677
	8	28	7	56	42.5711	1	18	18	40.808	-31	34	32.08	4	9012	MAUI	7421	6	SC	5678
	8	28	18	57	41.3699	10	18	4	39.878	-82	4	7.43	4	9003	WOOMERA	10630	3	SS	5180
	8	28	18	57	45.3698	10	17	51	49.819	-82	53	56.72	4	9003	WOOMERA	10630	5	SS	5181
	8	28	18	59	52.3713	10	8	27	45.963	-65	37	38.04	4	9003	WOOMERA	10631	7	HB	5182
	8	28	18	59	56.3711	10	8	26	52.974	-64	44	5.27	4	9003	WOOMERA	10631	9	HB	7777
	8	28	19	3	42.2673	3	8	22	58.052	-27	48	19.00	4	9003	WOOMERA	10632	6	HB	5184
	8	29	4	56	25.4371	1	17	28	31.295	-29	56	26.20	4	9001	ORGAN PASS	7498	2	WS	7295
	8	29	4	56	57.4369	1	17	34	31.151	-31	54	52.99	4	9001	ORGAN PASS	7498	6	WS	5156
	8	29	7	37	2.0257	1	18	47	19.317	-36	25	53.12	4	9012	MAUI	7430	3	SC	5679
	8	29	7	37	30.0254	1	18	56	16.496	-38	38	14.19	4	9012	MAUI	7430	10	SC	5680
	8	29	8	6	37.3518	10	9	45	28.363	-82	34	38.96	4	9011	VILLA DOLO	6549	4	LE	4584
	8	29	8	6	41.3526	10	9	31	25.739	-81	41	54.41	4	9011	VILLA DOLO	6549	5	LE	4585
	8	29	18	37	28.7164	3	11	57	51.212	-84	34	52.85	4	9003	WOOMERA	10647	11	HB	5185
	8	29	18	38	58.6477	3	8	31	44.051	-65	48	52.41	4	9003	WOOMERA	10648	6	HB	7648
	8	29	18	39	6.6475	3	8	29	0.074	-64	4	10.42	4	9003	WOOMERA	10648	10	HB	5187
	8	30	2	1	36.3262	1	18	3	20.279	-26	48	26.86	4	9009	CURACAO	5866	6	SE	4617
	8	30	2	2	0.3263	1	18	10	14.746	-29	10	36.95	4	9009	CURACAO	5866	9	SE	4618
	8	30	2	33	22.7668	1	10	34	7.342	-81	18	46.63	4	9002	OLIFANTS	9027	6	FI	4398
	8	30	2	33	30.7666	1	10	11	18.493	-79	58	48.78	4	9002	OLIFANTS	9027	8	FI	4399
	8	30	7	46	33.8902	1	8	35	15.540	-71	0	52.18	4	9011	VILLA DOLO	6561	5	PB	7650
	8	30	18	17	39.8293	3	8	49	47.400	-71	30	38.33	4	9003	WOOMERA	10664	4	NG	5188
	8	30	18	18	13.3287	3	8	29	26.296	-64	14	0.49	4	9003	WOOMERA	10664	13	NG	5189
	8	31	2	13	16.5119	1	9	27	43.933	-72	7	24.66	4	9002	OLIFANTS	9046	6	AA	4400
	8	31	2	13	32.5120	1	9	14	30.123	-69	8	43.83	4	9002	OLIFANTS	9046	10	AA	4401
	8	31	17	58	18.6887	3	8	10	40.216	-52	54	56.22	4	9003	WOOMERA	10677	2	PB	7649
	8	31	17	58	26.6885	3	8	9	27.860	-51	28	16.03	4	9003	WOOMERA	10677	4	PB	5191
	9	1	11	54	37.3285	1	19	8	56.130	33	47	33.17	4	9003	WOOMERA	10687	4	MY	1010
	9	1	20	18	19.0471	1	22	48	14.827	-49	18	47.81	4	9003	WOOMERA	10693	7	PK	8609
	9	1	20	18	39.0467	1	23	9	5.175	-50	56	24.11	4	9003	WOOMERA	10693	12	PK	8610
	9	2	11	35	13.2803	1	19	41	44.253	30	17	49.86	4	9003	WOOMERA	10700	3	DU	3048
	9	2	19	28	39.2062	1	18	24	17.880	22	17	47.89	4	9002	OLIFANTS	9085	7	BA	320
	9	2	20	0	39.6588	1	4	19	39.425	-50	53	2.33	4	9003	WOOMERA	10707	3	PL	2210
	9	2	20	1	3.6579	1	4	56	49.903	-45	32	11.93	4	9003	WOOMERA	10707	15	PL	1011
	9	2	20	1	41.6571	1	5	40	46.867	-36	29	14.02	4	9003	WOOMERA	10707	34	PL	2211
	9	3	11	15	24.1103	1	20	7	6.696	27	4	13.47	4	9003	WOOMERA	10716	6	GL	1012
	9	3	11	15	40.1103	1	20	12	59.851	26	14	15.95	4	9003	WOOMERA	10716	10	GL	1013
	9	3	19	9	1.1470	1	18	53	48.534	19	1	39.67	4	9002	OLIFANTS	9102	5	BA	9692
	9	3	19	9	17.1474	1	18	59	20.906	18	3	14.29	4	9002	OLIFANTS	9102	7	BA	9693
	9	3	19	40	11.9653	1	5	11	9.144	-49	32	22.30	4	9003	WOOMERA	10722	7	LD	2212
	9	3	19	40	21.9661	1	5	24	4.757	-46	57	59.71	4	9003	WOOMERA	10722	9	LD	1015
	9	4	0	24	28.6045	1	20	33	25.064	25	9	2.15	4	9011	VILLA DOLO	6578	5	GL	148
	9	4	0	24	44.6044	1	20	39	18.012	24	16	15.07	4	9011	VILLA DOLO	6578	3	GL	149

CATE Y	M	C	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	4	3	2	19.6542	1	16	48	13.886	- 0	59	43.40	4	9007	AREQUIPA	6986	13	BA	213
	9	4	8	44	57.0680	1	21	44	50.018	-58	6	17.48	4	9011	VILLA DOLO	6584	4	GL	2214
	9	4	8	45	1.0678	1	21	49	13.934	-58	41	6.00	4	9011	VILLA DOLO	6584	5	GL	2215
	9	4	8	48	24.7186	1	5	40	18.252	-47	54	39.69	4	9011	VILLA DOLO	6585	6	PL	2057
	9	4	8	48	26.7186	1	5	42	27.590	-47	21	52.94	4	9011	VILLA DOLO	6585	7	PL	2058
	9	4	18	49	26.9910	1	19	29	47.516	14	27	50.16	4	9002	OLIFANTS	9112	10	GL	9694
	9	4	18	49	50.9917	1	19	39	42.995	12	40	42.68	4	9002	OLIFANTS	9112	13	GL	9695
	9	4	19	16	32.3643	1	22	13	10.563	-63	4	22.64	4	9003	WOOMERA	10726	6	PL	1555
	9	4	19	16	38.3643	1	22	22	37.732	-63	56	42.16	4	9003	WOOMERA	10726	9	PL	1563
	9	4	19	19	55.7924	1	6	4	2.181	-43	20	24.74	4	9003	WOOMERA	10727	9	PK	8611
	9	4	19	20	3.7921	1	6	10	22.868	-41	13	7.04	4	9003	WOOMERA	10727	13	PK	8612
	9	5	3	16	5.5720	1	6	0	24.540	-35	28	59.45	4	9002	OLIFANTS	9120	21	GL	9696
	9	5	3	16	9.5719	1	6	3	32.618	-34	32	0.87	4	9002	OLIFANTS	9120	22	GL	9697
	9	5	10	36	25.7266	1	21	9	37.515	16	47	38.04	4	9003	WOOMERA	10731	6	PL	8613
	9	5	10	36	37.7262	1	21	14	16.853	16	1	37.91	4	9003	WOOMERA	10731	9	PL	8614
	9	5	18	30	19.1178	1	20	21	38.757	6	42	29.43	4	9002	OLIFANTS	9125	9	GL	9698
	9	5	18	30	27.1180	1	20	25	30.023	6	0	41.01	4	9002	OLIFANTS	9125	10	GL	9699
	9	5	18	56	12.2616	1	22	38	4.680	-70	45	51.94	4	9003	WOOMERA	10735	3	PL	8615
	9	5	18	56	16.2616	1	22	48	38.592	-71	21	47.80	4	9003	WOOMERA	10735	5	PL	8616
	9	5	18	59	2.8248	1	6	15	25.391	-46	15	21.14	4	9003	WOOMERA	10736	3	VD	8617
	9	5	18	59	14.8246	1	6	23	30.180	-42	59	6.52	4	9003	WOOMERA	10736	9	VD	8618
	9	5	23	27	33.6702	1	17	5	46.351	14	8	42.02	4	9009	CURACAO	5902	4	YK	761
	9	5	23	27	49.6700	1	17	9	22.458	13	13	39.19	4	9009	CURACAO	5902	6	YK	762
	9	5	23	31	54.1631	10	18	7	27.998	- 2	42	54.44	4	9009	CURACAO	5903	4	YK	763
	9	5	23	32	10.1641	10	18	11	30.422	- 3	51	30.37	4	9009	CURACAO	5903	6	YK	764
	9	5	23	34	50.9052	1	19	9	50.783	30	48	35.76	4	9007	AREQUIPA	6991	3	LT	214
	9	5	23	35	6.9049	1	19	14	7.623	30	1	26.09	4	9007	AREQUIPA	6991	5	LT	3126
	9	5	23	35	46.9042	1	19	25	0.097	27	58	41.55	4	9007	AREQUIPA	6991	10	LT	2216
	9	5	23	39	13.7476	1	20	13	43.885	-33	4	59.99	4	9009	CURACAO	5904	5	YK	765
	9	5	23	39	29.7476	1	20	19	0.532	-33	59	41.22	4	9009	CURACAO	5904	7	YK	766
	9	5	23	45	35.4779	1	21	31	6.942	14	25	40.07	4	9011	VILLA DOLO	6588	3	PL	2059
	9	5	23	45	59.4787	1	21	39	58.742	12	56	54.10	4	9011	VILLA DOLO	6588	6	PL	3121
	9	6	8	7	20.9872	1	6	32	55.195	-42	4	16.03	4	9011	VILLA DOLO	6594	3	PG	3016
	9	6	10	17	30.4999	1	21	50	0.532	9	14	30.17	4	9003	WOOMERA	10742	2	DM	8619
	9	6	10	17	34.5000	1	21	51	33.525	8	59	8.86	4	9003	WOOMERA	10742	3	DM	8620
	9	6	18	10	45.8742	1	21	2	56.599	0	36	56.17	4	9002	OLIFANTS	9139	10	PL	9700
	9	6	18	11	1.8735	1	21	11	3.118	- 0	47	19.57	4	9002	OLIFANTS	9139	12	PL	9701
	9	6	18	36	38.8069	1	4	9	21.931	-74	27	8.72	4	9003	WOOMERA	10746	4	RO	1016
	9	6	18	36	52.8066	1	4	51	24.199	-71	3	6.76	4	9003	WOOMERA	10746	11	RO	1017
	9	6	18	38	36.7199	1	6	39	44.266	-41	31	27.54	4	9003	WOOMERA	10747	6	MY	1018
	9	6	18	38	50.7197	1	6	45	30.614	-38	0	16.39	4	9003	WOOMERA	10747	13	MY	1019
	9	7	7	47	19.6081	1	6	55	41.542	-32	1	19.42	4	9011	VILLA DOLO	6603	4	LT	9289
	9	7	12	34	55.5279	1	17	38	27.887	8	9	19.77	4	9003	WOOMERA	10757	4	BN	1020
	9	7	12	35	35.5393	1	17	46	44.713	5	52	6.74	4	9003	WOOMERA	10757	9	BN	1021
	9	7	18	17	50.1700	1	6	48	3.636	-42	2	47.78	4	9003	WOOMERA	10759	5	RO	9720

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	7	18	17	58.1697	1	6	50	34.124	-40	3	24.05	4	9003	WOOMERA	10759	9	RO	9721
	9	8	2	10	10.8739	1	22	29	53.254	-75	9	28.28	4	9002	OLIFANTS	9165	5	VD	8669
	9	8	2	12	50.7715	1	6	19	56.377	-54	8	4.46	4	9002	OLIFANTS	9166	6	PK	8671
	9	8	2	12	58.7717	1	6	25	34.783	-51	55	52.56	4	9002	OLIFANTS	9166	8	PK	8670
	9	8	9	33	18.2303	1	20	48	33.449	17	34	35.77	4	9003	WOOMERA	10761	4	RO	9722
	9	8	9	33	34.2300	1	20	53	29.213	16	43	27.52	4	9003	WOOMERA	10761	8	RO	324
	9	8	12	16	33.3701	1	18	19	40.943	- 1	1	35.20	4	9003	WOOMERA	10768	4	DU	9724
	9	8	12	16	45.3699	1	18	23	34.317	- 2	1	57.88	4	9003	WOOMERA	10768	7	DU	9725
	9	8	17	31	42.5618	1	22	14	26.692	- 9	30	44.85	4	9002	OLIFANTS	9169	13	DM	9165
	9	8	17	31	54.5622	1	22	20	4.494	-10	18	27.00	4	9002	OLIFANTS	9169	16	DM	8631
	9	9	1	25	51.2046	1	20	6	29.855	-48	10	51.30	4	9007	AREQUIPA	7008	3	BA	217
	9	9	1	50	43.7978	1	5	9	22.895	-76	8	14.67	4	9002	OLIFANTS	9179	10	VD	8672
	9	9	1	52	2.5518	1	6	39	27.449	-54	56	16.17	4	9002	OLIFANTS	9180	6	GL	9161
	9	9	1	52	8.5513	1	6	42	26.270	-53	17	34.72	4	9002	OLIFANTS	9180	9	GL	8623
	9	9	11	57	8.3630	1	18	59	36.426	- 8	4	9.73	4	9003	WOOMERA	10779	7	DM	3116
	9	9	11	57	12.3630	1	19	1	25.790	- 8	28	55.87	4	9003	WOOMERA	10779	8	DM	3117
	9	9	17	1	32.5970	1	18	47	55.198	25	56	57.00	4	9002	OLIFANTS	9183	5	PL	8624
	9	9	17	2	19.3381	1	19	0	50.144	23	48	28.48	4	9002	OLIFANTS	9183	13	PL	8625
	9	9	17	11	53.4211	1	22	33	34.923	-11	53	19.52	4	9002	OLIFANTS	9184	16	PK	8673
	9	9	17	12	20.7463	1	22	45	22.493	-13	21	51.51	4	9002	OLIFANTS	9184	20	PK	8674
	9	9	17	37	6.2143	1	7	2	56.787	-32	7	20.94	4	9003	WOOMERA	10782	11	VD	9728
	9	10	1	30	55.3648	1	6	48	28.278	-60	26	51.95	4	9002	OLIFANTS	9193	5	RO	8675
	9	10	1	31	3.3648	1	6	51	28.177	-58	15	30.27	4	9002	OLIFANTS	9193	7	RO	9167
	9	10	1	31	48.8165	1	7	4	15.620	-46	18	54.12	4	9002	OLIFANTS	9194	2	RO	8676
	9	10	1	31	52.8173	1	7	5	8.983	-45	18	53.68	4	9002	OLIFANTS	9194	3	RO	9168
	9	10	1	34	27.4015	1	7	29	30.010	-15	50	34.52	4	9002	OLIFANTS	9195	4	HC	93
	9	10	1	34	35.4019	1	7	30	29.822	-14	45	25.61	4	9002	OLIFANTS	9195	5	HC	92
	9	10	19	59	30.0811	1	2	36	35.705	3	53	55.63	4	9003	WOOMERA	10786	10	LD	2204
	9	10	19	59	44.0810	1	2	49	41.486	5	57	48.12	4	9003	WOOMERA	10786	17	LD	1006
	9	10	19	59	58.0806	1	3	2	30.353	7	58	56.86	4	9003	WOOMERA	10786	24	LD	1007
	9	11	1	12	54.9131	1	7	23	46.059	-23	42	38.91	4	9002	OLIFANTS	9209	7	PG	88
	9	11	1	12	58.9131	1	7	24	10.508	-23	4	4.78	4	9002	OLIFANTS	9209	8	PG	89
	9	12	23	57	55.9701	1	17	56	40.522	15	32	4.26	4	9011	VILLA DOLO	6648	7	PK	754
	9	12	23	58	11.9699	1	18	0	46.278	14	48	45.22	4	9011	VILLA DOLO	6648	9	PK	755
	9	13	3	10	40.7729	1	23	53	31.918	-18	57	7.74	4	9002	OLIFANTS	9229	6	LD	90
	9	13	3	10	48.7729	1	23	59	23.211	-18	17	35.68	4	9002	OLIFANTS	9229	8	LD	2208
	9	13	8	27	26.0850	1	4	18	36.579	9	57	32.03	4	9011	VILLA DOLO	6656	5	BA	756
	9	13	8	27	38.0847	1	4	28	18.154	11	32	32.19	4	9011	VILLA DOLO	6656	8	BA	757
	9	14	8	7	7.3420	1	4	49	20.110	10	59	47.41	4	9011	VILLA DOLO	6667	3	HC	3122
	9	14	8	7	11.3420	1	4	52	6.067	11	29	3.99	4	9011	VILLA DOLO	6667	4	HC	3123
	9	14	18	37	1.3889	1	3	41	44.403	- 1	38	19.96	4	9003	WOOMERA	10797	6	HC	9732
	9	14	18	37	9.3887	1	3	50	8.162	- 0	5	3.94	4	9003	WOOMERA	10797	10	HC	9733
	9	14	18	38	37.8530	1	5	2	12.257	13	13	12.10	4	9003	WOOMERA	10798	4	VD	8621
	9	14	18	38	39.8530	1	5	3	28.142	13	26	43.54	4	9003	WOOMERA	10798	5	VD	8622
	9	14	23	16	0.7492	10	18	3	25.719	16	1	7.14	4	9011	VILLA DOLO	6671	5	PK	3124

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	14	23	16	24.7491	10	18	9	41.225	14	57	11.54	4	9011	VILLA DOLO	6671	8	PK	758
	9	15	9	46	43.9833	1	17	54	5.035	14	56	0.51	4	9003	WOOMERA	10800	5	PL	9158
	9	15	9	46	55.9833	1	17	57	6.327	14	23	47.73	4	9003	WOOMERA	10800	8	PL	9159
	9	15	9	47	11.9831	1	18	1	13.355	13	39	46.83	4	9003	WOOMERA	10800	12	PL	9160
	9	15	12	38	9.7313	1	17	24	26.478	-41	8	45.42	4	9003	WOOMERA	10808	3	VD	9734
	9	15	12	38	21.7310	1	17	27	44.560	-42	51	34.66	4	9003	WOOMERA	10808	6	VD	9735
	9	15	12	38	33.7307	1	17	31	17.239	-44	37	49.08	4	9003	WOOMERA	10808	9	VD	9736
	9	15	17	42	7.0649	1	17	15	6.064	- 0	37	50.08	4	9002	OLIFANTS	9259	8	BA	8628
	9	15	17	42	15.0649	1	17	16	57.474	- 1	8	50.11	4	9002	OLIFANTS	9259	9	BA	8629
	9	15	18	17	22.1361	1	4	51	55.733	6	37	1.95	4	9003	WOOMERA	10812	5	BA	9737
	9	15	18	17	24.1361	1	4	53	19.405	6	54	29.45	4	9003	WOOMERA	10812	6	BA	9738
	9	16	2	13	4.7756	1	4	23	24.379	13	43	11.03	4	9002	OLIFANTS	9268	20	BO	9369
	9	16	2	13	17.9643	1	4	33	44.239	15	33	52.66	4	9002	OLIFANTS	9268	25	BO	9370
	9	16	9	35	29.3039	1	21	46	35.064	-19	16	51.53	4	9003	WOOMERA	10815	4	PK	2048
	9	16	9	35	37.3038	1	21	50	51.142	-19	40	54.25	4	9003	WOOMERA	10815	6	PK	2049
	9	16	9	37	15.3876	1	22	43	11.199	-23	40	56.16	4	9003	WOOMERA	10816	4	VD	427
	9	16	9	37	39.3870	1	22	55	45.295	-24	23	35.77	4	9003	WOOMERA	10816	10	VD	428
	9	16	12	12	27.3391	1	16	36	31.496	-13	11	33.95	4	9003	WOOMERA	10824	4	VD	429
	9	16	12	12	43.3389	1	16	38	31.673	-14	15	24.04	4	9003	WOOMERA	10824	6	VD	430
	9	16	12	18	48.1549	1	18	11	51.233	-55	14	51.66	4	9003	WOOMERA	10825	9	MY	431
	9	16	12	18	56.1548	1	18	17	9.946	-56	34	21.55	4	9003	WOOMERA	10825	11	MY	432
	9	16	17	20	51.5067	1	17	16	6.716	1	0	37.75	4	9002	OLIFANTS	9276	12	PG	9367
	9	16	17	20	59.5068	1	17	17	59.909	0	31	20.84	4	9002	OLIFANTS	9276	13	PG	9368
	9	17	1	20	15.3653	1	16	39	35.582	-10	5	51.79	4	9011	VILLA DOLO	6683	6	BA	4593
	9	17	1	20	23.3653	1	16	40	43.519	-10	35	51.79	4	9011	VILLA DOLO	6683	7	BA	760
	9	17	1	27	54.2476	1	19	40	52.756	-61	17	11.13	4	9011	VILLA DOLO	6684	6	DM	9241
	9	17	1	28	2.2474	1	19	51	55.191	-62	22	16.00	4	9011	VILLA DOLO	6684	8	DM	9242
	9	17	1	51	37.2757	1	4	0	58.492	3	32	45.98	4	9002	OLIFANTS	9288	5	BO	9371
	9	17	1	51	45.2757	1	4	8	29.833	5	5	42.94	4	9002	OLIFANTS	9288	9	BO	9372
	9	17	11	52	10.8837	1	16	41	20.873	-15	42	56.04	4	9003	WOOMERA	10832	5	GL	2206
	9	17	11	52	38.8835	1	16	45	37.911	-17	47	55.87	4	9003	WOOMERA	10832	12	GL	2207
	9	17	16	59	23.0794	1	17	14	17.034	3	13	22.35	4	9002	OLIFANTS	9292	6	BO	9373
	9	17	16	59	39.0797	1	17	18	0.610	2	18	38.13	4	9002	OLIFANTS	9292	8	BO	9374
	9	17	19	49	47.9955	1	16	20	39.480	-40	5	43.41	4	9002	OLIFANTS	9300	5	HC	8678
	9	17	19	49	55.9957	1	16	21	13.558	-40	55	48.49	4	9002	OLIFANTS	9300	6	HC	8679
	9	17	19	52	35.4408	1	16	33	17.953	-60	46	1.24	4	9002	OLIFANTS	9301	5	HC	8680
	9	17	19	52	47.4405	1	16	34	18.679	-62	30	34.18	4	9002	OLIFANTS	9301	8	HC	8681
	9	18	0	59	24.7309	10	16	40	23.834	-10	12	13.65	4	9011	VILLA DOLO	6693	5	DM	9243
	9	18	0	59	48.7275	10	16	44	12.781	-11	45	1.84	4	9011	VILLA DOLO	6693	8	DM	1031
	9	18	1	32	19.8901	1	5	20	44.338	14	17	4.24	4	9002	OLIFANTS	9304	7	VD	8682
	9	18	1	32	23.8901	1	5	22	59.276	14	46	2.56	4	9002	OLIFANTS	9304	8	VD	8683
	9	18	9	34	47.7289	1	6	18	13.267	-22	0	19.52	4	9009	CURACAO	5976	6	RO	767
	9	18	9	34	51.7289	1	6	20	9.117	-21	23	41.22	4	9009	CURACAO	5976	7	RO	768
	9	18	11	39	35.1967	1	22	35	13.280	-68	20	47.15	4	9003	WOOMERA	10847	4	MY	86
	9	18	11	39	43.1962	1	22	52	6.103	-68	18	19.20	4	9003	WOOMERA	10847	6	MY	87

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	9	18	14	48	21.4194	1	6	32	32.474	-44	59	27.47	4	9012	MAUI	7651 5	PL	9702
	9	18	14	48	29.4194	1	6	35	33.551	-44	8	26.06	4	9012	MAUI	7651 7	PL	9703
	9	18	16	48	53.5614	1	22	0	27.880	-38	9	11.17	4	9002	OLIFANTS	9307 10	VD	8684
	9	18	16	49	5.5613	1	22	8	18.105	-38	29	52.97	4	9002	OLIFANTS	9307 13	VD	8685
	9	18	19	28	35.0513	1	16	19	20.947	-38	46	29.44	4	9002	OLIFANTS	9314 15	PG	74
	9	18	19	28	51.0513	1	16	20	53.342	-40	24	45.19	4	9002	OLIFANTS	9314 17	PG	75
	9	18	19	33	14.4424	1	17	10	45.850	-75	38	7.27	4	9002	OLIFANTS	9315 15	DU	78
	9	18	19	33	34.4424	1	17	24	27.766	-78	46	36.03	4	9002	OLIFANTS	9315 20	DU	2205
	9	19	0	39	16.7430	1	16	49	53.256	-13	11	5.99	4	9011	VILLA DOLO	6707 3	DM	9245
	9	19	0	39	48.7427	10	16	56	10.349	-15	30	5.12	4	9011	VILLA DOLO	6707 7	DM	9246
	9	19	0	48	31.3520	1	23	51	13.281	-60	49	34.68	4	9011	VILLA DOLO	6708 4	DM	9247
	9	19	0	48	39.3518	1	0	2	26.986	-60	24	44.10	4	9011	VILLA DOLO	6708 6	DM	9248
	9	19	11	20	27.7601	1	1	5	32.937	-59	27	12.00	4	9003	WOOMERA	10859 8	PL	3119
	9	19	11	20	31.7600	1	1	9	42.742	-59	6	33.70	4	9003	WOOMERA	10859 9	PL	2054
	9	19	11	54	4.2818	1	6	30	38.710	-36	28	16.84	4	9001	ORGAN PASS	7667 6	PK	8636
	9	19	11	54	8.2817	1	6	31	58.163	-36	8	15.11	4	9001	ORGAN PASS	7667 7	PK	8637
	9	19	11	56	5.2645	1	7	8	41.118	-26	4	25.49	4	9001	ORGAN PASS	7668 3	PL	9166
	9	19	11	56	17.2644	1	7	12	14.656	-25	1	42.60	4	9001	ORGAN PASS	7668 6	PL	9814
	9	19	19	7	37.3379	1	16	20	21.368	-39	2	5.38	4	9002	OLIFANTS	9333 5	VD	80
	9	19	19	7	45.3380	1	16	21	20.220	-39	51	2.21	4	9002	OLIFANTS	9333 6	VD	81
	9	19	19	13	30.1578	1	20	56	49.017	-84	25	42.39	4	9002	OLIFANTS	9334 7	VD	82
	9	19	19	13	34.1577	1	21	22	20.411	-84	38	1.01	4	9002	OLIFANTS	9334 8	VD	83
	9	20	18	45	59.5085	1	16	16	58.730	-35	24	14.63	4	9002	OLIFANTS	9348 8	MY	84
	9	20	18	46	7.5080	1	16	18	3.514	-36	9	31.50	4	9002	OLIFANTS	9348 9	MY	85
	9	20	18	52	51.6168	1	22	49	41.145	-82	6	15.45	4	9002	OLIFANTS	9349 6	DU	2051
	9	20	18	53	41.6178	1	1	33	59.055	-78	21	6.42	4	9002	OLIFANTS	9349 15	DU	77
	9	20	23	52	5.3701	1	16	3	14.571	3	35	40.07	4	9011	VILLA DOLO	6727 6	DM	9249
	9	20	23	52	21.3702	1	16	5	18.209	2	58	3.03	4	9011	VILLA DOLO	6727 8	DM	9250
	9	21	8	27	12.3047	1	4	21	5.019	14	47	8.67	4	9007	AREQUIPA	7082 4	RO	2217
	9	21	8	27	16.3047	1	4	24	24.922	15	29	33.13	4	9007	AREQUIPA	7082 5	RO	219
	9	21	8	27	24.3049	1	4	30	55.196	16	51	28.89	4	9007	AREQUIPA	7082 7	HC	220
	9	21	11	14	47.5068	1	7	16	43.535	-26	2	51.50	4	9001	ORGAN PASS	7688 5	RO	1022
	9	21	11	15	3.5067	1	7	21	4.401	-24	39	38.15	4	9001	ORGAN PASS	7688 9	RO	1023
	9	21	13	16	20.0472	1	16	24	54.730	-36	36	4.27	4	9003	WOOMERA	10890 13	VD	95
	9	21	13	16	28.0471	1	16	25	25.621	-37	15	34.76	4	9003	WOOMERA	10890 15	VD	96
	9	21	13	18	23.2115	1	16	32	53.580	-48	25	2.71	4	9003	WOOMERA	10891 3	PL	1024
	9	21	13	18	55.2106	1	16	34	56.521	-52	11	21.76	4	9003	WOOMERA	10891 11	PL	97
	9	21	13	19	15.2106	1	16	36	11.729	-54	43	11.54	4	9003	WOOMERA	10891 16	PL	98
	9	21	18	24	46.2030	1	16	17	0.867	-34	14	20.54	4	9002	OLIFANTS	9367 7	GL	9162
	9	21	18	25	2.2034	1	16	19	31.317	-35	43	4.35	4	9002	OLIFANTS	9367 9	GL	8627
	9	21	23	35	34.4727	1	17	0	49.072	-40	17	35.90	4	9007	AREQUIPA	7086 5	MY	68
	9	21	23	36	14.4728	1	17	13	53.258	-43	57	9.50	4	9007	AREQUIPA	7086 10	VD	69
	9	22	18	2	58.8866	1	16	12	3.432	-30	12	19.92	4	9002	OLIFANTS	9384 8	DU	58
	9	22	18	3	14.8870	1	16	14	36.518	-31	33	5.44	4	9002	OLIFANTS	9384 10	DU	59
	9	22	18	13	2.2695	1	1	51	5.868	-67	3	16.97	4	9002	OLIFANTS	9385 5	DU	60

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	9	23	2	3	17.4206	1	16	20	9.957	-35	40	17.66	4	9011	VILLA DOLO	6768	3	LT	9290
	9	23	12	34	40.5079	1	16	16	15.040	-38	44	14.17	4	9003	WOOMERA	10897	7	VD	94
	9	23	12	39	44.0183	1	17	15	9.169	-77	30	11.35	4	9003	WOOMERA	10898	7	YK	1564
	9	23	12	39	52.0181	1	17	21	54.425	-78	52	47.02	4	9003	WOOMERA	10898	9	YK	1565
	9	23	17	41	38.3118	1	16	11	25.188	-28	37	10.24	4	9002	OLIFANTS	9400	14	BA	61
	9	24	7	28	28.5174	1	6	35	40.829	-43	34	38.58	4	9009	CURACAO	5988	5	VD	2218
	9	24	7	28	40.5172	1	6	39	44.868	-41	51	15.96	4	9009	CURACAO	5988	8	VD	221
	9	24	7	30	29.1872	1	7	11	40.948	-26	22	56.18	4	9009	CURACAO	5989	4	VD	222
	9	24	7	30	37.1874	1	7	13	45.985	-25	17	17.20	4	9009	CURACAO	5989	6	VD	223
	9	24	15	27	54.7397	1	3	39	47.931	-20	38	45.57	4	9012	MAUI	7716	4	MW	423
	9	24	15	27	58.7396	1	3	41	54.683	-20	10	16.99	4	9012	MAUI	7716	6	MW	424
	9	24	20	13	18.0913	1	15	31	29.948	-71	35	5.30	4	9002	OLIFANTS	9421	7	PK	62
	9	24	20	13	26.0911	1	15	28	12.383	-72	37	27.13	4	9002	OLIFANTS	9421	8	PK	63
	9	25	1	28	25.0376	1	0	53	32.299	-80	1	34.80	4	9011	VILLA DOLO	6785	2	LT	9291
	9	25	1	28	41.0373	1	1	38	23.235	-77	57	30.56	4	9011	VILLA DOLO	6785	6	LT	9292
	9	25	11	52	41.2851	1	16	10	5.660	-39	28	26.27	4	9003	WOOMERA	10906	4	MY	2056
	9	25	11	53	1.2849	1	16	12	33.712	-41	15	10.59	4	9003	WOOMERA	10906	9	MY	3120
	9	25	11	59	43.0241	1	1	53	53.398	-79	22	23.08	4	9003	WOOMERA	10907	5	HC	2052
	9	25	15	13	47.7186	1	7	28	13.358	27	4	34.17	4	9012	MAUI	7719	5	GL	425
	9	25	15	14	3.7184	1	7	35	45.513	28	15	35.33	4	9012	MAUI	7719	9	GL	426
	9	25	17	0	49.6222	1	16	36	5.739	-34	35	53.32	4	9002	OLIFANTS	9430	6	PK	64
	9	25	17	1	13.6224	1	16	42	32.750	-36	41	57.46	4	9002	OLIFANTS	9430	9	PK	65
	9	25	19	50	35.7806	1	15	46	28.171	-59	55	2.94	4	9002	OLIFANTS	9437	5	MY	3118
	9	25	19	50	51.7807	1	15	45	39.337	-61	40	38.43	4	9002	OLIFANTS	9437	7	MY	66
	9	26	9	32	52.7094	1	3	20	46.226	17	7	56.35	4	9009	CURACAO	6004	4	VD	224
	9	26	9	33	4.7094	1	3	27	53.699	19	7	38.12	4	9009	CURACAO	6004	7	VD	225
	9	26	9	40	4.2965	1	8	2	1.386	54	40	48.86	4	9009	CURACAO	6005	4	PG	154
	9	26	9	40	20.2967	1	8	10	50.367	54	53	47.06	4	9009	CURACAO	6005	6	PG	155
	9	26	19	33	13.9999	1	11	42	8.489	-87	19	44.01	4	9002	OLIFANTS	9454	7	DM	9163
	9	26	19	33	29.9941	1	8	19	47.210	-87	7	56.44	4	9002	OLIFANTS	9454	9	DM	319
	9	27	11	20	9.3697	1	2	56	12.750	-57	51	6.24	4	9003	WOOMERA	10925	12	HC	2213
	9	27	11	20	25.3691	1	3	2	22.844	-55	45	39.40	4	9003	WOOMERA	10925	16	HC	1026
	9	27	14	30	18.3229	1	6	51	36.417	10	46	34.39	4	9012	MAUI	7741	4	BO	9375
	9	27	14	30	26.3227	1	6	55	31.351	11	43	30.61	4	9012	MAUI	7741	8	BO	9376
	9	28	3	6	40.5263	1	16	53	0.899	-47	58	47.23	4	9011	VILLA DOLO	6820	4	GL	226
	9	28	3	6	48.5261	1	16	54	18.582	-48	41	42.17	4	9011	VILLA DOLO	6820	5	GL	227
	9	28	8	48	37.7498	1	1	58	24.748	-15	46	37.61	4	9009	CURACAO	6015	3	HC	2061
	9	28	8	48	41.7500	1	2	0	45.437	-15	11	57.36	4	9009	CURACAO	6015	4	HC	4592
	9	28	8	53	51.3743	1	5	36	35.950	36	29	2.41	4	9009	CURACAO	6016	3	HC	2062
	9	28	8	54	7.3753	1	5	48	8.275	38	7	46.39	4	9009	CURACAO	6016	7	HC	2063
	9	28	11	37	42.6739	1	7	50	34.060	16	53	42.46	4	9001	ORGAN PASS	7709	2	BN	208
	9	28	14	3	58.0907	1	3	46	19.777	-40	6	15.45	4	9012	MAUI	7745	5	BO	9377
	9	28	14	4	2.0906	1	3	49	1.455	-39	39	37.13	4	9012	MAUI	7745	7	BO	9378
	9	28	19	30	26.2023	1	6	53	14.783	9	10	27.40	4	9005	TOKYO	6562	6	VD	70
	9	28	19	31	16.9145	1	7	16	23.986	13	34	8.96	4	9005	TOKYO	6562	12	VD	71

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	9	29	10	27	24.4124	1	15	56	23.970	-35	8	38.67	4	9003	WOOMERA	10943	4	BO	420
	9	29	10	27	40.4121	1	15	59	5.724	-36	21	28.52	4	9003	WOOMERA	10943	6	BO	421
	9	29	11	16	8.7655	1	7	35	18.300	11	20	26.08	4	9001	ORGAN PASS	7715	4	BN	209
	9	29	11	16	12.7654	1	7	36	56.925	11	40	4.77	4	9001	ORGAN PASS	7715	5	BN	210
	9	29	13	18	43.2972	1	17	1	36.492	-62	0	36.24	4	9003	WOOMERA	10945	8	RO	1027
	9	29	13	18	55.2973	1	17	5	16.892	-63	32	40.82	4	9003	WOOMERA	10945	11	RO	1028
	9	29	13	44	27.2164	1	4	48	33.716	-33	9	26.51	4	9012	MAUI	7757	5	HC	9704
	9	29	13	44	31.2162	1	4	51	6.504	-32	34	33.55	4	9012	MAUI	7757	7	HC	9705
	9	29	13	49	31.6616	1	7	25	4.331	10	41	33.98	4	9012	MAUI	7758	3	HC	9706
	9	29	13	49	51.6615	1	7	32	58.687	12	40	20.23	4	9012	MAUI	7758	8	HC	9707
	9	30	2	26	53.6646	1	17	5	54.136	-63	54	19.37	4	9011	VILLA DOLO	6847	5	BN	206
	9	30	10	55	18.8755	1	7	37	0.038	9	7	27.58	4	9001	ORGAN PASS	7731	5	BN	211
	9	30	10	55	26.8755	1	7	40	9.229	9	46	57.35	4	9001	ORGAN PASS	7731	7	BN	212
	9	30	12	58	36.3016	1	17	14	1.516	-69	47	4.85	4	9003	WOOMERA	10957	10	MW	1029
	9	30	12	58	44.1023	1	17	18	31.957	-70	54	37.25	4	9003	WOOMERA	10957	12	MW	2055
	9	30	13	24	55.2293	1	5	43	36.941	-23	50	59.24	4	9012	MAUI	7769	4	BO	9379
	9	30	13	25	1.2293	1	5	46	52.481	-22	53	9.25	4	9012	MAUI	7769	7	BO	9380
	9	30	13	28	33.7723	1	7	23	14.162	6	58	7.60	4	9012	MAUI	7770	3	PG	152
	9	30	13	28	49.7720	1	7	29	13.927	8	37	51.65	4	9012	MAUI	7770	7	PG	153
	9	30	18	11	56.8988	1	3	7	39.519	-68	4	12.05	4	9002	OLIFANTS	9489	8	GL	8632
	9	30	18	50	7.4687	1	7	36	14.134	11	50	24.70	4	9005	TOKYO	6570	7	VD	72
	9	30	18	50	31.4684	1	7	46	8.525	13	36	42.81	4	9005	TOKYO	6570	10	VD	73
	10	1	0	3	2.7788	1	7	35	44.609	9	45	40.10	4	9008	SHIRAZ	9518	3	PK	2656
	10	1	0	3	6.7788	1	7	37	19.818	10	6	21.03	4	9008	SHIRAZ	9518	4	PK	2657
	10	1	9	50	22.4391	1	18	3	38.227	-62	31	16.16	4	9003	WOOMERA	10966	5	DM	1551
	10	1	9	50	46.4386	1	18	25	59.230	-64	36	8.08	4	9003	WOOMERA	10966	11	DM	1552
	10	1	10	34	23.4241	1	7	35	7.636	6	27	6.91	4	9001	ORGAN PASS	7743	3	VD	880
	10	1	10	34	35.4341	1	7	39	40.566	7	27	26.16	4	9001	ORGAN PASS	7743	6	VD	881
	10	1	12	38	58.9619	1	19	15	25.342	-82	7	54.25	4	9003	WOOMERA	10972	6	PK	1102
	10	1	12	39	6.9616	1	19	50	57.502	-83	2	17.60	4	9003	WOOMERA	10972	8	PK	1103
	10	1	13	5	24.9470	1	6	27	47.963	-13	53	55.88	4	9012	MAUI	7783	5	PG	4090
	10	1	13	5	28.9469	1	6	29	34.215	-13	17	56.32	4	9012	MAUI	7783	7	PG	4781
	10	1	13	7	30.4280	1	7	18	1.828	2	42	52.54	4	9012	MAUI	7784	3	PG	2855
	10	1	13	7	32.4280	1	7	18	45.267	2	56	18.58	4	9012	MAUI	7784	4	PG	2856
	10	2	7	30	47.1980	1	6	37	14.692	23	37	7.93	4	9009	CURACAO	6030	2	VD	1873
	10	2	7	30	51.1978	1	6	39	28.431	24	3	22.39	4	9009	CURACAO	6030	3	VD	1874
	10	2	7	33	14.7371	1	7	47	38.416	34	30	43.95	4	9009	CURACAO	6031	4	VD	1875
	10	2	7	33	18.7372	1	7	49	15.107	34	41	39.38	4	9009	CURACAO	6031	5	VD	1876
	10	2	10	14	41.4732	1	4	22	27.636	30	14	15.10	4	9010	JUPITER	7538	2	DM	2327
	10	2	10	14	53.4729	1	4	30	12.507	31	48	46.22	4	9010	JUPITER	7538	6	DM	2328
	10	2	12	13	50.9860	1	16	15	8.979	-52	37	48.97	4	9003	W OMERA	10979	5	VD	1104
	10	2	12	13	58.9858	1	16	16	30.670	-53	21	20.43	4	9003	W OMERA	10979	6	VD	2173
	10	2	12	18	39.4746	1	23	19	9.875	-83	25	45.20	4	9003	WOOMERA	10980	6	VD	1106
	10	2	12	18	43.4743	1	23	42	52.097	-83	8	47.05	4	9003	WOOMERA	10980	7	VD	1107
	10	2	12	45	51.2873	1	6	59	4.158	- 5	49	5.67	4	9012	MAUI	7801	4	PG	4092

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	2	12	45	55.2871	1	7	0	31.052	- 5	18	41.54	4	9012	MAUI	7801 6	PG	2858
	10	2	12	47	42.5557	1	7	36	26.105	6	23	50.04	4	9012	MAUI	7802 8	PG	2859
	10	2	18	8	41.1143	1	7	42	15.764	8	38	6.62	4	9005	TOKYO	6605 3	MW	1118
	10	2	18	8	57.1144	1	7	48	20.045	9	48	43.25	4	9005	TOKYO	6605 5	MW	3151
	10	2	23	17	34.0661	1	5	59	16.999	-20	51	32.73	4	9008	SHIRAZ	9550 6	PK	2658
	10	2	23	17	36.0661	1	6	0	13.779	-20	36	5.15	4	9008	SHIRAZ	9550 7	PK	2659
	10	2	23	21	22.5945	1	7	33	49.927	5	0	25.27	4	9008	SHIRAZ	9551 5	RO	2660
	10	3	4	42	57.5866	1	7	58	38.549	25	12	23.56	4	9004	SAN FERNAN	6679 2	DU	886
	10	3	4	43	1.5865	1	8	0	30.798	25	24	33.12	4	9004	SAN FERNAN	6679 3	DU	2992
	10	3	7	11	9.6177	1	7	16	55.118	26	13	40.13	4	9009	CURACAO	6044 4	MW	1877
	10	3	7	11	25.6182	1	7	23	44.382	27	25	25.60	4	9009	CURACAO	6044 6	MW	1878
	10	3	9	56	38.4446	1	6	37	25.890	45	32	8.32	4	9010	JUPITER	7544 13	DM	2329
	10	3	9	56	54.4455	1	6	49	38.289	46	25	2.13	4	9010	JUPITER	7544 15	DM	2330
	10	3	12	26	30.2597	1	7	25	24.970	1	45	3.05	4	9012	MAUI	7813 5	PG	2860
	10	3	12	26	34.2597	1	7	26	36.791	2	8	47.43	4	9012	MAUI	7813 6	PG	2861
	10	3	15	4	11.6017	1	1	12	28.802	1	35	58.15	4	9012	MAUI	7818 5	PG	2862
	10	3	15	4	13.6018	1	1	13	6.125	1	49	58.19	4	9012	MAUI	7818 6	PG	2863
	10	3	15	12	33.3368	1	6	22	8.406	62	13	15.11	4	9012	MAUI	7819 3	PL	1809
	10	3	15	12	53.3367	1	6	41	55.118	62	50	2.06	4	9012	MAUI	7819 8	PL	1810
	10	3	22	57	56.0020	1	6	31	50.641	-13	56	16.21	4	9008	SHIRAZ	9565 3	RO	2662
	10	3	22	58	0.0021	1	6	33	29.686	-13	27	11.03	4	9008	SHIRAZ	9565 4	RO	2663
	10	3	23	0	41.8699	1	7	34	0.351	3	33	47.67	4	9008	SHIRAZ	9566 3	LO	2664
	10	3	23	0	49.8702	1	7	36	41.986	4	14	56.82	4	9008	SHIRAZ	9566 5	LO	2665
	10	4	1	0	28.1801	1	16	7	40.453	-51	53	52.84	4	9011	VILLA DOLO	6863 8	BO	1664
	10	4	1	7	25.9676	1	2	27	27.779	-65	36	37.00	4	9011	VILLA DOLO	6864 6	RO	3041
	10	4	1	7	33.9675	1	2	32	51.568	-64	15	49.05	4	9011	VILLA DOLO	6864 8	RO	1665
	10	4	9	29	19.4660	1	6	31	48.565	-15	23	4.88	4	9001	ORGAN PASS	7780 3	VO	882
	10	4	9	29	27.4659	1	6	34	57.782	-14	29	20.96	4	9001	ORGAN PASS	7780 5	VO	883
	10	4	9	31	18.4326	1	7	16	2.004	- 3	1	57.12	4	9001	ORGAN PASS	7781 3	DU	884
	10	4	9	31	26.4325	1	7	18	48.580	- 2	17	35.76	4	9001	ORGAN PASS	7781 5	DU	2991
	10	4	11	32	11.5874	1	16	10	3.757	-56	29	19.83	4	9003	WOOMERA	10998 7	DU	2252
	10	4	11	32	19.5874	1	16	11	54.519	-57	14	50.25	4	9003	WOOMERA	10998 8	DU	2993
	10	4	11	38	44.0477	1	2	42	34.322	-64	23	52.48	4	9003	WOOMERA	10999 3	LO	1110
	10	4	11	38	48.0476	1	2	44	46.448	-63	43	45.81	4	9003	WOOMERA	10999 4	LO	1111
	10	4	12	10	26.5856	1	2	40	28.971	5	14	56.95	4	9001	ORGAN PASS	7792 3	GL	1523
	10	4	12	10	30.5856	1	2	41	59.366	5	41	30.53	4	9001	ORGAN PASS	7792 5	GL	1524
	10	4	14	44	34.6283	1	1	32	28.627	8	35	11.26	4	9012	MAUI	7835 6	HC	1811
	10	4	14	44	38.6284	1	1	34	3.702	9	10	17.71	4	9012	MAUI	7835 8	HC	1812
	10	4	14	51	43.0576	1	6	44	15.418	61	4	44.76	4	9012	MAUI	7836 3	HC	1813
	10	4	14	51	55.0577	1	6	55	55.198	61	20	27.51	4	9012	MAUI	7836 6	HC	1814
	10	4	22	38	52.1376	3	7	9	38.992	- 4	12	25.96	4	9008	SHIRAZ	9585 5	RO	2666
	10	5	1	23	37.1996	3	5	24	52.331	46	47	28.80	4	9008	SHIRAZ	9593 5	PL	1482
	10	5	1	23	39.1995	3	5	26	29.769	46	57	57.76	4	9008	SHIRAZ	9593 6	PL	1483
	10	5	9	9	40.3988	1	3	7	53.305	0	1	22.92	4	9010	JUPITER	7553 7	PL	2331
	10	5	9	9	44.3990	1	3	10	21.102	0	39	15.60	4	9010	JUPITER	7553 8	PL	2332

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	5	9	14	58.4156	1	3	45	40.160	71	9	22.13	4	9009	CURACAO	6060	5	PL	2999
	10	5	9	15	6.4157	1	3	54	15.455	71	43	31.56	4	9009	CURACAO	6060	6	PL	4083
	10	5	9	16	43.9252	1	8	10	45.319	44	21	52.05	4	9010	JUPITER	7555	3	PL	2333
	10	5	9	17	7.9272	1	8	24	19.606	44	42	56.24	4	9010	JUPITER	7555	6	PL	2334
	10	5	14	24	51.5129	1	2	1	21.435	16	55	37.59	4	9012	MAUI	7841	5	HC	1815
	10	5	14	30	43.0278	1	6	54	32.247	59	6	9.10	4	9012	MAUI	7843	4	BO	1816
	10	5	14	30	55.0276	1	7	5	46.688	59	18	39.63	4	9012	MAUI	7843	7	BO	1817
	10	6	1	4	14.9575	3	6	54	30.607	51	12	45.91	4	9008	SHIRAZ	9617	5	YK	1484
	10	6	1	4	26.9578	3	7	4	38.171	51	37	48.04	4	9008	SHIRAZ	9617	8	YK	4618
	10	6	8	50	21.3064	1	1	19	27.602	46	58	56.10	4	9009	CURACAO	6068	6	BA	1800
	10	6	8	50	25.3064	1	1	21	10.102	47	33	34.36	4	9009	CURACAO	6068	7	BA	1801
	10	6	8	50	28.1354	1	4	23	18.009	12	45	38.70	4	9010	JUPITER	7568	3	PL	3010
	10	6	8	50	52.1376	1	4	41	47.337	16	44	33.35	4	9010	JUPITER	7568	9	PL	3011
	10	6	8	56	20.5277	1	8	28	49.492	41	54	41.30	4	9010	JUPITER	7569	3	HC	2335
	10	6	10	49	45.4720	1	16	0	46.009	-56	14	41.37	4	9003	WOOMERA	11013	4	LD	1112
	10	6	10	49	49.4719	1	16	1	47.754	-56	35	50.43	4	9003	WOOMERA	11013	5	LD	1113
	10	6	10	59	12.3951	1	2	57	18.077	-43	50	30.48	4	9003	WOOMERA	11014	8	MW	1114
	10	6	10	59	16.3950	1	2	58	13.682	-43	19	23.83	4	9003	WOOMERA	11014	9	MW	1115
	10	6	11	27	41.5718	1	2	8	19.642	- 6	50	44.69	4	9001	ORGAN PASS	7805	3	GL	1525
	10	6	11	27	49.5719	1	2	11	26.027	- 6	1	27.82	4	9001	ORGAN PASS	7805	7	GL	2241
	10	6	11	37	22.8455	1	8	24	32.364	47	48	36.24	4	9001	ORGAN PASS	7806	5	DM	2242
	10	6	11	37	30.8456	1	8	29	31.397	47	50	24.76	4	9001	ORGAN PASS	7806	7	DM	2243
	10	6	14	5	25.1463	1	2	59	24.809	30	20	32.09	4	9012	MAUI	7854	7	BO	1818
	10	6	14	5	29.1460	1	3	2	28.243	31	5	15.52	4	9012	MAUI	7854	9	BO	1819
	10	6	14	10	21.2306	1	7	35	5.539	57	1	10.24	4	9012	MAUI	7855	3	BO	1820
	10	6	14	10	41.2305	1	7	50	55.808	57	2	8.28	4	9012	MAUI	7855	8	BO	1821
	10	7	8	30	40.1431	1	1	57	13.819	57	47	19.59	4	9009	CURACAO	6076	3	BN	1802
	10	7	8	30	44.1431	1	1	59	56.363	58	19	30.31	4	9009	CURACAO	6076	4	BN	1803
	10	7	10	28	0.4319	1	15	49	51.775	-53	34	42.29	4	9003	WOOMERA	11023	2	MW	1116
	10	7	10	28	8.4314	1	15	51	43.231	-54	13	31.27	4	9003	WOOMERA	11023	3	MW	1117
	10	7	11	8	6.0395	1	2	38	26.030	- 1	28	48.34	4	9001	ORGAN PASS	7821	5	DM	3032
	10	7	11	8	10.0396	1	2	40	24.217	- 0	58	27.82	4	9001	ORGAN PASS	7821	7	DM	2245
	10	7	11	16	7.1282	1	8	15	29.906	45	16	20.48	4	9001	ORGAN PASS	7822	4	DM	2246
	10	7	11	16	15.1282	1	8	20	27.358	45	20	24.97	4	9001	ORGAN PASS	7822	6	DM	2247
	10	7	13	17	20.3343	1	18	20	48.482	-52	3	43.43	4	9003	WOOMERA	11027	6	DM	2240
	10	7	13	17	36.3339	1	18	31	19.309	-53	6	44.40	4	9003	WOOMERA	11027	10	DM	1208
	10	7	13	45	53.7990	1	4	22	18.704	41	34	2.30	4	9012	MAUI	7865	6	MW	1822
	10	7	13	45	57.7989	1	4	26	16.444	42	7	19.68	4	9012	MAUI	7865	8	MW	1823
	10	7	13	49	36.7968	1	7	49	32.599	54	7	39.70	4	9012	MAUI	7866	4	MW	1824
	10	7	13	49	52.7966	1	8	0	50.624	54	6	30.28	4	9012	MAUI	7866	8	MW	1825
	10	7	18	31	39.2218	1	3	11	18.670	-65	52	22.14	4	9002	OLIFANTS	9520	6	GL	1439
	10	7	19	11	27.4845	1	8	38	22.948	44	43	9.93	4	9005	TOKYO	6636	9	MY	4803
	10	7	19	11	51.4850	1	8	51	54.685	44	41	38.50	4	9005	TOKYO	6636	12	MY	1121
	10	8	2	26	16.5726	1	19	2	15.672	-57	52	40.52	4	9011	VILLA DOLO	6892	5	RO	1666
	10	8	2	26	24.5724	1	19	10	39.863	-58	25	46.04	4	9011	VILLA DOLO	6892	7	RO	1667

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	10	8	8	10	21.2803	1	5	54	46.048	19	17	26.43	4	9010	JUPITER	7593	4	HC	2336
	10	8	8	10	33.2779	1	6	3	38.234	20	48	53.28	4	9010	JUPITER	7593	7	HC	2337
	10	8	10	6	26.8669	1	15	42	34.689	-52	6	23.02	4	9003	WOOMERA	11036	4	BA	3155
	10	8	10	7	22.8668	1	15	56	53.315	-56	32	8.00	4	9003	WOOMERA	11036	11	BA	1399
	10	8	10	48	40.6244	1	3	27	59.077	7	8	18.56	4	9001	ORGAN PASS	7835	4	HC	2248
	10	8	10	48	42.6243	1	3	29	16.643	7	26	30.01	4	9001	ORGAN PASS	7835	5	HC	1531
	10	8	10	55	50.7949	1	8	39	26.811	42	55	29.23	4	9001	ORGAN PASS	7836	2	BN	1532
	10	8	12	56	51.4089	1	18	29	21.897	-56	26	39.01	4	9003	WOOMERA	11037	4	VD	1400
	10	8	12	57	3.4086	1	18	39	8.082	-57	18	34.96	4	9003	WOOMERA	11037	7	VD	1401
	10	8	13	26	20.9864	1	5	56	25.930	46	43	3.30	4	9012	MAUI	7873	5	MW	1826
	10	8	13	26	22.9866	1	5	58	21.917	46	51	12.95	4	9012	MAUI	7873	6	MW	1827
	10	8	23	17	55.7747	1	17	39	58.828	-69	37	46.78	4	9011	VILLA DOLO	6898	7	VD	4778
	10	9	0	3	57.6902	3	8	50	33.376	45	16	28.11	4	9008	SHIRAZ	9673	5	VD	1539
	10	9	2	6	4.4738	1	19	52	22.143	-63	15	5.70	4	9011	VILLA DOLO	6902	7	LD	1669
	10	9	2	6	8.4737	1	19	58	34.029	-63	27	34.54	4	9011	VILLA DOLO	6902	8	HC	2176
	10	9	9	49	40.9055	1	18	24	52.137	-73	58	49.84	4	9003	WOOMERA	11047	4	VD	1402
	10	9	9	50	0.9052	1	18	57	58.003	-75	10	52.00	4	9003	WOOMERA	11047	9	VD	1403
	10	9	9	52	21.7024	1	23	39	59.413	-72	7	7.20	4	9003	WOOMERA	11048	2	GL	1404
	10	9	9	52	45.7019	1	0	9	43.608	-69	49	21.12	4	9003	WOOMERA	11048	8	GL	4075
	10	9	10	28	31.0876	1	4	1	23.444	10	6	34.83	4	9001	ORGAN PASS	7850	5	HC	1533
	10	9	10	28	35.0875	1	4	4	21.476	10	44	37.20	4	9001	ORGAN PASS	7850	7	HC	2249
	10	9	10	34	15.1740	1	8	16	32.100	39	51	25.85	4	9001	ORGAN PASS	7851	5	HC	1527
	10	9	10	34	23.1739	1	8	21	0.555	39	57	47.90	4	9001	ORGAN PASS	7851	7	LD	1528
	10	9	12	37	13.8461	1	19	51	4.981	-64	20	29.14	4	9003	WOOMERA	11051	3	GL	1406
	10	9	12	37	19.8459	1	20	0	34.847	-64	39	2.51	4	9003	WOOMERA	11051	6	GL	3157
	10	9	18	22	21.6331	1	3	32	25.762	5	26	21.87	4	9005	TOKYO	6656	3	BA	1122
	10	9	18	22	45.6332	1	3	47	52.864	8	48	22.01	4	9005	TOKYO	6656	6	BA	2174
	10	10	7	31	34.2694	1	7	43	14.045	26	42	57.56	4	9010	JUPITER	7608	6	YK	2340
	10	10	7	31	58.2686	1	7	54	10.327	27	53	26.59	4	9010	JUPITER	7608	9	YK	2341
	10	10	12	16	52.5157	1	20	56	5.650	-67	41	46.28	4	9003	WOOMERA	11065	2	GL	1408
	10	10	12	16	56.5156	1	21	4	21.374	-67	43	30.10	4	9003	WOOMERA	11065	4	GL	1409
	10	10	12	46	59.9930	1	7	54	24.345	43	54	21.50	4	9012	MAUI	7890	5	YK	1828
	10	10	12	47	3.9929	1	7	56	36.256	43	57	18.88	4	9012	MAUI	7890	6	YK	1829
	10	10	15	27	34.7078	1	1	11	51.909	49	22	15.35	4	9012	MAUI	7893	3	YK	1830
	10	10	15	31	54.8789	1	3	39	46.093	76	19	41.40	4	9012	MAUI	7894	3	VD	1831
	10	10	15	32	2.8787	1	3	50	32.947	76	54	5.17	4	9012	MAUI	7894	5	VD	1832
	10	10	20	10	55.8667	1	18	28	28.182	-60	50	23.63	4	9002	OLIFANTS	9557	9	GL	3147
	10	10	20	10	59.8667	1	18	31	40.565	-61	7	7.13	4	9002	OLIFANTS	9557	10	GL	1442
	10	11	1	26	7.2895	1	23	41	41.582	-62	52	19.26	4	9011	VILLA DOLO	6914	3	VD	1670
	10	11	1	26	15.2890	1	23	54	46.303	-61	46	6.72	4	9011	VILLA DOLO	6914	5	VD	1671
	10	11	9	49	36.2664	1	6	25	11.052	25	0	36.20	4	9001	ORGAN PASS	7869	3	BN	1529
	10	11	9	49	40.2663	1	6	28	8.426	25	22	32.52	4	9001	ORGAN PASS	7869	5	BN	1530
	10	11	9	53	44.5446	1	8	47	45.356	35	8	27.65	4	9001	ORGAN PASS	7870	5	VD	2165
	10	11	17	4	53.1767	1	22	47	23.738	-81	52	43.14	4	9002	OLIFANTS	9569	6	HC	4072
	10	11	17	5	20.4604	1	23	51	50.183	-79	53	45.21	4	9002	OLIFANTS	9569	10	HC	1444

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	11	22	58	58.1179	3	7	27	29.598	33	45	14.01	4	9008	SHIRAZ	9714 6	VD	2256
	10	12	1	39	17.2330	3	1	45	44.607	38	54	10.80	4	9008	SHIRAZ	9717 7	VD	1541
	10	12	1	39	25.2330	3	1	48	18.974	39	50	49.10	4	9008	SHIRAZ	9717 9	VD	1542
	10	12	9	29	45.4651	1	7	7	45.845	26	4	22.61	4	9001	ORGAN PASS	7878 5	VD	4612
	10	12	9	29	49.4652	1	7	10	15.744	26	20	1.82	4	9001	ORGAN PASS	7878 6	VD	2169
	10	12	9	31	57.5320	1	8	18	48.552	31	33	40.38	4	9001	ORGAN PASS	7879 5	VD	2166
	10	12	9	32	5.5320	1	8	22	25.050	31	44	13.55	4	9001	ORGAN PASS	7879 7	VD	2167
	10	12	12	10	55.6808	1	2	13	21.513	39	34	11.64	4	9001	ORGAN PASS	7881 5	GL	1197
	10	12	12	10	59.6806	1	2	14	59.279	40	3	23.74	4	9001	ORGAN PASS	7881 7	GL	1198
	10	12	12	16	4.2627	1	6	32	36.451	67	27	42.08	4	9001	ORGAN PASS	7882 6	GL	1199
	10	12	12	16	12.2632	1	6	43	5.620	67	34	50.21	4	9001	ORGAN PASS	7882 8	GL	1200
	10	12	14	44	58.9288	1	0	38	1.121	44	6	18.25	4	9012	MAUI	7915 3	VD	1833
	10	12	14	45	18.9285	1	0	43	9.974	46	45	30.36	4	9012	MAUI	7915 8	VD	1834
	10	12	14	50	44.1261	1	5	54	28.529	80	34	39.30	4	9012	MAUI	7916 3	MW	1835
	10	12	14	51	4.1261	1	6	45	53.353	80	38	6.50	4	9012	MAUI	7916 8	MW	1836
	10	12	19	30	43.7561	1	20	42	19.967	-71	48	38.54	4	9002	OLIFANTS	9580 5	PL	2988
	10	12	19	31	3.7558	1	21	27	26.158	-71	57	1.92	4	9002	OLIFANTS	9580 10	PL	1446
	10	12	19	31	29.9078	1	22	29	13.500	-71	6	14.50	4	9002	OLIFANTS	9580 14	PL	4610
	10	13	9	9	35.2933	1	7	29	12.432	25	3	58.22	4	9001	ORGAN PASS	7891 4	GL	2170
	10	13	11	57	16.2319	1	9	12	7.527	64	3	56.92	4	9001	ORGAN PASS	7894 4	DM	1203
	10	13	11	57	36.2321	1	9	27	50.623	63	4	40.88	4	9001	ORGAN PASS	7894 9	DM	1204
	10	13	14	25	27.9170	1	0	53	46.806	55	51	21.36	4	9012	MAUI	7926 3	MW	1837
	10	13	14	25	37.9169	1	0	57	42.576	57	15	49.41	4	9012	MAUI	7926 8	MW	1838
	10	13	19	5	49.1465	1	16	47	43.170	-58	18	2.12	4	9002	OLIFANTS	9593 7	HC	1448
	10	13	19	5	57.1459	1	16	50	44.478	-58	49	1.17	4	9002	OLIFANTS	9593 7	HC	3148
	10	13	19	10	41.6545	1	23	1	45.562	-71	33	22.45	4	9002	OLIFANTS	9594 10	HC	5264
	10	13	19	10	45.6545	1	23	10	24.832	-71	12	35.66	4	9002	OLIFANTS	9594 11	HC	2990
	10	14	0	17	16.9842	1	16	29	21.170	-55	41	41.90	4	9011	VILLA DOLO	6927 4	VD	1672
	10	14	0	17	40.9837	1	16	39	8.898	-57	18	35.48	4	9011	VILLA DOLO	6927 7	VD	1673
	10	14	8	49	53.6375	1	7	57	26.811	25	8	0.12	4	9001	ORGAN PASS	7899 4	DM	4074
	10	14	8	49	57.7518	1	2	45	1.372	57	10	14.33	4	9010	JUPITER	7647 6	PK	1937
	10	14	8	50	13.6376	1	8	5	58.460	25	51	16.33	4	9001	ORGAN PASS	7899 9	DM	1206
	10	14	10	57	27.8698	1	1	59	37.554	-36	8	44.87	4	9003	WOOMERA	11091 5	MY	1410
	10	14	10	57	39.8695	1	2	4	9.249	-34	16	6.71	4	9003	WOOMERA	11091 8	MY	1411
	10	14	11	36	24.1297	1	9	24	6.224	62	18	28.23	4	9001	ORGAN PASS	7902 5	HC	1091
	10	14	11	36	32.1299	1	9	29	52.601	61	52	35.39	4	9001	ORGAN PASS	7902 7	HC	1092
	10	14	14	5	16.3389	1	1	7	12.271	62	45	13.99	4	9012	MAUI	7936 4	MW	3042
	10	14	14	5	26.3389	1	1	13	6.725	64	10	39.93	4	9012	MAUI	7936 9	MW	1840
	10	14	14	8	53.2773	1	7	18	35.211	79	54	11.08	4	9012	MAUI	7937 3	BO	1841
	10	14	14	9	13.2772	1	8	2	31.312	79	4	32.16	4	9012	MAUI	7937 8	BO	1842
	10	14	18	51	10.2696	1	1	16	27.900	-60	5	25.42	4	9002	OLIFANTS	9609 7	DM	3149
	10	14	18	51	18.2695	1	1	23	43.270	-58	40	52.38	4	9002	OLIFANTS	9609 9	DM	1452
	10	14	21	59	14.8728	1	4	11	45.193	57	54	30.41	4	9006	NAIN TAL	5060 3	RO	1299
	10	14	21	59	30.8735	1	4	33	35.330	59	26	59.28	4	9006	NAIN TAL	5060 7	RO	1300
	10	14	23	57	38.1194	10	17	8	57.192	-62	50	55.43	4	9011	VILLA DOLO	6939 10	BA	1978

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	14	23	58	10.1199	10	17	32	46.063	-65	5	4.70	4	9011	VILLA DOLO	6939	14	BA	1979
	10	15	0	6	20.7380	10	2	6	2.006	-28	34	35.82	4	9011	VILLA DOLO	6941	3	BA	1980
	10	15	0	6	24.7389	10	2	7	14.163	-28	2	18.69	4	9011	VILLA DOLO	6941	4	BA	1981
	10	15	0	44	21.8536	3	9	40	1.046	65	12	54.33	4	9008	SHIRAZ	9736	3	HC	1486
	10	15	0	44	33.8533	3	9	48	14.843	64	28	11.37	4	9008	SHIRAZ	9736	6	HC	1487
	10	15	2	44	29.2068	1	19	11	5.554	-26	35	38.65	4	9011	VILLA DOLO	6951	5	BN	3178
	10	15	8	30	36.3444	1	5	4	57.544	66	33	30.60	4	9010	JUPITER	7651	8	GL	1938
	10	15	8	30	44.3437	1	5	18	28.073	66	55	26.05	4	9010	JUPITER	7651	10	GL	4082
	10	15	10	28	1.2217	1	16	40	17.373	-60	47	32.73	4	9003	WOOMERA	11104	4	MY	1412
	10	15	10	28	17.2216	1	16	48	45.085	-61	53	52.98	4	9003	WOOMERA	11104	8	MY	1413
	10	15	11	8	5.1953	1	1	45	50.711	37	17	46.69	4	9001	ORGAN PASS	7912	5	HC	1093
	10	15	11	8	7.1954	1	1	46	49.446	37	35	53.02	4	9001	ORGAN PASS	7912	6	HC	1094
	10	15	11	15	25.3593	1	9	27	50.541	60	42	10.96	4	9001	ORGAN PASS	7913	2	HC	1095
	10	15	11	15	49.3591	1	9	43	10.231	59	19	50.10	4	9001	ORGAN PASS	7913	5	HC	1096
	10	15	13	15	43.0635	1	19	11	39.876	-26	56	25.69	4	9003	WOOMERA	11114	4	PK	1456
	10	15	13	16	11.0631	1	19	25	59.622	-25	43	52.73	4	9003	WOOMERA	11114	11	PK	1457
	10	15	16	23	29.0519	1	7	50	36.589	22	50	58.00	4	9005	TOKYO	6671	2	MY	1124
	10	15	16	23	45.0523	1	7	57	48.516	23	28	3.14	4	9005	TOKYO	6671	4	MY	4613
	10	15	18	24	47.3097	1	17	1	35.088	-65	54	43.09	4	9002	OLIFANTS	9622	11	DM	1453
	10	15	18	24	55.3097	1	17	6	32.434	-66	29	12.52	4	9002	OLIFANTS	9622	12	DM	4802
	10	15	18	31	0.3487	1	1	47	21.158	-52	16	6.76	4	9002	OLIFANTS	9623	7	HC	1218
	10	15	18	31	24.8875	1	2	0	36.381	-47	53	43.03	4	9002	OLIFANTS	9623	12	HC	1219
	10	15	19	9	46.0608	1	9	8	22.903	58	10	9.10	4	9005	TOKYO	6674	3	PK	1126
	10	15	19	10	2.0607	1	9	19	40.917	57	21	45.13	4	9005	TOKYO	6674	4	PK	4614
	10	15	21	38	56.4744	1	5	14	28.023	59	26	52.87	4	9006	NAIN TAL	5068	4	RO	1301
	10	15	21	39	33.7674	1	6	8	51.944	60	49	46.63	4	9006	NAIN TAL	5068	9	RO	3161
	10	16	0	17	25.2061	3	2	5	5.928	53	45	33.69	4	9008	SHIRAZ	9744	4	HC	1488
	10	16	0	17	29.2062	3	2	8	3.061	54	22	12.47	4	9008	SHIRAZ	9744	6	HC	1489
	10	16	0	23	30.6634	3	9	47	22.042	63	0	57.08	4	9008	SHIRAZ	9745	7	PL	1798
	10	16	0	23	34.6632	3	9	49	48.265	62	45	28.47	4	9008	SHIRAZ	9745	8	PL	1799
	10	16	13	26	16.6787	1	6	29	11.097	79	12	42.68	4	9012	MAUI	7946	3	BO	1843
	10	16	13	26	32.6787	1	7	9	23.738	78	40	49.85	4	9012	MAUI	7946	7	BO	1844
	10	16	18	10	55.9599	1	2	4	44.680	-44	1	56.38	4	9002	OLIFANTS	9639	4	YK	1220
	10	16	18	11	3.9597	1	2	7	50.795	-42	42	44.49	4	9002	OLIFANTS	9639	5	YK	1221
	10	16	21	19	34.1832	1	7	24	54.374	57	56	24.95	4	9006	NAIN TAL	5078	3	LD	1303
	10	16	21	19	50.1854	10	7	41	25.788	57	30	22.09	4	9006	NAIN TAL	5078	7	LD	1304
	10	16	21	21	40.2362	1	9	3	48.165	53	6	56.24	4	9006	NAIN TAL	5079	2	VD	1305
	10	16	21	22	4.2368	1	9	16	21.567	52	3	54.08	4	9006	NAIN TAL	5079	5	VD	1306
	10	16	23	57	3.1245	3	2	32	7.343	58	53	36.22	4	9008	SHIRAZ	9757	4	BA	1967
	10	16	23	57	11.1252	3	2	40	32.862	60	3	32.15	4	9008	SHIRAZ	9757	8	BA	1968
	10	17	0	2	25.3504	3	9	42	54.108	61	37	16.82	4	9008	SHIRAZ	9758	8	BA	1969
	10	17	17	42	48.8683	1	17	1	44.233	-69	25	38.30	4	9002	OLIFANTS	9654	7	YK	2171
	10	17	17	51	5.4235	1	2	16	41.006	-34	52	2.11	4	9002	OLIFANTS	9656	5	MW	1222
	10	17	23	37	35.1515	3	4	47	36.982	68	23	48.02	4	9008	SHIRAZ	9765	6	BA	1970
	10	17	23	41	36.3443	3	9	45	14.756	59	5	25.46	4	9008	SHIRAZ	9766	8	BA	1971

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	17	23	41	40.3444	3	9	47	17.356	58	49	56.47	4	9008	SHIRAZ	9766 9	BA	1972
	10	18	1	44	49.3590	1	21	2	41.255	-26	58	37.16	4	9011	VILLA DOLO	6977 3	DM	1983
	10	18	1	44	53.3591	1	21	6	19.530	-26	32	12.79	4	9011	VILLA DOLO	6977 4	DM	3001
	10	18	12	46	32.4668	1	9	30	56.283	66	57	2.75	4	9012	MAUI	7952 3	RO	1845
	10	18	12	46	56.4667	1	9	43	19.366	65	14	57.59	4	9012	MAUI	7952 9	RO	1846
	10	18	15	27	7.1869	1	0	35	45.772	59	54	44.27	4	9012	MAUI	7954 3	PL	1560
	10	18	15	27	19.1869	1	0	38	3.163	61	5	40.99	4	9012	MAUI	7954 6	PL	1561
	10	18	15	30	2.7853	1	1	34	11.371	77	0	56.10	4	9012	MAUI	7955 4	PK	1543
	10	18	15	30	10.7854	1	1	39	44.294	77	45	10.10	4	9012	MAUI	7955 6	PK	1544
	10	18	20	9	20.1470	1	19	13	52.046	-30	25	4.57	4	9002	OLIFANTS	9677 6	MW	1223
	10	18	20	9	36.1469	1	19	22	3.828	-29	42	6.70	4	9002	OLIFANTS	9677 8	MW	2172
	10	18	23	17	41.8562	10	0	42	47.574	40	40	13.29	4	9006	NAIN TAL	5095 3	VD	1307
	10	18	23	18	13.8565	10	0	50	40.015	44	21	47.28	4	9006	NAIN TAL	5095 7	VD	1308
	10	18	23	26	49.7887	1	10	23	15.644	67	53	3.69	4	9006	NAIN TAL	5096 3	PK	1309
	10	18	23	27	21.7895	1	10	40	21.491	65	25	24.68	4	9006	NAIN TAL	5096 7	PK	1310
	10	19	9	49	17.1473	1	0	36	6.355	49	20	54.82	4	9010	JUPITER	7668 6	GL	1940
	10	19	9	49	41.1479	1	0	42	9.613	52	13	21.04	4	9010	JUPITER	7668 9	GL	4620
	10	19	15	6	23.1057	1	0	19	48.633	61	50	11.54	4	9012	MAUI	7960 11	PK	1556
	10	19	15	6	31.1058	1	0	21	15.217	62	40	22.93	4	9012	MAUI	7960 13	PK	3173
	10	19	17	4	39.2861	1	23	26	10.417	-70	53	42.16	4	9002	OLIFANTS	9692 6	MW	2250
	10	19	17	5	19.2861	1	0	6	47.401	-66	46	18.17	4	9002	OLIFANTS	9692 11	MW	2251
	10	19	22	57	52.0289	1	0	45	42.613	48	27	49.21	4	9006	NAIN TAL	5101 4	DM	1454
	10	19	22	57	54.8325	3	8	24	30.878	61	52	31.43	4	9008	SHIRAZ	9782 6	BN	20
	10	19	22	57	58.8323	3	8	28	8.340	61	36	57.80	4	9008	SHIRAZ	9782 7	BN	1974
	10	19	22	58	8.0294	1	0	50	43.644	50	32	7.47	4	9006	NAIN TAL	5101 6	DM	1455
	10	20	1	5	2.4586	10	23	3	45.266	-18	19	8.84	4	9011	VILLA DOLO	7021 3	DM	1985
	10	20	1	5	10.4585	10	23	10	42.940	-16	54	40.38	4	9011	VILLA DOLO	7021 5	DM	1986
	10	20	1	44	3.0076	3	7	9	0.734	76	21	8.06	4	9008	SHIRAZ	9785 4	BN	3174
	10	20	1	44	15.0076	3	7	31	30.025	76	4	7.40	4	9008	SHIRAZ	9785 7	BN	3175
	10	20	9	28	53.1514	1	8	3	45.967	56	22	52.02	4	9001	ORGAN PASS	7936 6	BN	1097
	10	20	9	28	56.8989	1	0	30	8.247	53	55	59.32	4	9010	JUPITER	7677 6	GL	1942
	10	20	9	29	0.8993	1	0	31	15.154	54	27	3.76	4	9010	JUPITER	7677 7	GL	4621
	10	20	9	29	9.1517	1	8	17	41.079	55	33	26.08	4	9001	ORGAN PASS	7936 10	BN	1098
	10	20	11	36	20.2977	1	23	9	43.820	-17	38	19.88	4	9003	WOOMERA	11144 2	PK	3162
	10	20	11	36	24.2976	1	23	13	11.478	-16	55	11.90	4	9003	WOOMERA	11144 4	PK	1458
	10	20	19	29	21.1724	1	20	14	19.708	-32	49	54.21	4	9002	OLIFANTS	9715 4	PG	3166
	10	20	19	29	25.1730	1	20	17	24.819	-32	31	37.31	4	9002	OLIFANTS	9715 5	PG	3167
	10	20	22	38	5.1649	1	0	57	2.863	58	2	12.60	4	9006	NAIN TAL	5108 3	BO	1290
	10	20	22	38	9.1649	1	0	58	54.320	58	36	7.85	4	9006	NAIN TAL	5108 4	BO	2994
	10	20	22	38	21.1653	1	1	4	49.518	60	17	32.85	4	9006	NAIN TAL	5108 7	BO	4616
	10	20	22	38	23.7515	3	9	16	12.542	54	3	37.98	4	9008	SHIRAZ	9792 5	GL	1975
	10	20	22	38	31.7516	3	9	20	4.173	53	34	53.96	4	9008	SHIRAZ	9792 7	PL	1976
	10	21	3	53	34.3105	1	3	0	39.878	54	8	2.20	4	9004	SAN FERNAN	6733 2	BA	888
	10	21	3	53	54.3105	1	3	23	56.443	56	42	14.09	4	9004	SAN FERNAN	6733 7	BA	889
	10	21	9	9	19.5850	1	0	43	15.835	65	1	50.08	4	9010	JUPITER	7683 5	MY	1944

CATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	21	9	9	22.2617	1	8	57	23.121	49	26	40.28	4	9001	ORGAN PASS	7945 3	BN	1099
	10	21	9	9	27.5861	1	0	47	11.611	66	7	57.39	4	9010	JUPITER	7683 7	MY	1945
	10	21	9	9	30.2618	1	9	1	32.308	49	2	26.81	4	9001	ORGAN PASS	7945 5	BN	1100
	10	21	14	24	50.6552	1	23	45	56.853	65	20	26.58	4	9012	MAUI	7968 5	PK	1558
	10	21	14	24	58.6552	1	23	47	4.046	66	16	13.47	4	9012	MAUI	7968 7	PK	1559
	10	22	0	56	25.7580	3	0	44	57.427	50	18	5.01	4	9008	SHIRAZ	9801 3	PL	3176
	10	22	0	56	29.7579	3	0	46	8.138	50	46	40.71	4	9008	SHIRAZ	9801 4	PL	3177
	10	22	8	49	20.9975	1	1	8	6.253	73	58	20.63	4	9010	JUPITER	7690 4	MY	1946
	10	22	8	49	28.9974	1	1	16	20.984	75	3	5.97	4	9010	JUPITER	7690 6	MY	1947
	10	22	21	58	26.3549	1	3	1	16.446	77	48	28.34	4	9006	NAIN TAL	5119 3	PL	1414
	10	22	21	58	38.3551	1	3	33	22.706	78	52	20.63	4	9006	NAIN TAL	5119 6	PL	1415
	10	23	2	43	14.4053	1	19	36	33.383	- 0	14	26.26	4	9011	VILLA DOLO	7085 3	DM	4084
	10	23	2	43	22.4057	1	19	39	11.026	0	26	14.68	4	9011	VILLA DOLO	7085 4	DM	3002
	10	23	13	15	4.3097	1	19	47	34.591	3	6	52.26	4	9003	WOOMERA	11164 4	GL	1459
	10	23	13	15	16.3096	1	19	51	37.225	4	14	20.60	4	9003	WOOMERA	11164 7	GL	1460
	10	23	18	28	13.9327	1	21	57	50.210	-36	6	17.76	4	9002	OLIFANTS	9735 19	PG	5781
	10	23	18	30	11.6298	1	23	42	16.603	-15	50	30.47	4	9002	OLIFANTS	9735 31	PG	5782
	10	23	19	0	36.9137	1	1	15	38.524	42	27	8.06	4	9005	TOKYO	6696 3	MY	3154
	10	23	19	1	8.9141	1	1	29	31.625	46	18	42.71	4	9005	TOKYO	6696 7	MY	4615
	10	24	2	23	23.8772	1	19	50	22.150	2	58	55.09	4	9011	VILLA DOLO	7111 3	DM	1988
	10	24	2	23	36.4330	1	19	21	36.064	-33	4	24.80	4	9007	AREQUIPA	7340 5	BO	1663
	10	24	2	23	39.8769	1	19	56	16.383	4	33	58.00	4	9011	VILLA DOLO	7111 5	DM	1989
	10	24	2	54	21.3069	1	8	12	54.111	56	13	59.67	4	9004	SAN FERNAN	6745 3	BA	890
	10	24	2	54	33.3066	1	8	23	37.427	55	23	20.60	4	9004	SAN FERNAN	6745 6	BA	891
	10	24	10	47	43.2092	1	1	43	53.005	65	53	22.47	4	9001	ORGAN PASS	7971 7	PK	1101
	10	24	12	51	43.0744	1	18	52	41.812	-10	25	9.02	4	9003	WOOMERA	11181 3	PL	1553
	10	24	12	52	7.0743	1	18	59	48.510	- 8	56	36.06	4	9003	WOOMERA	11181 9	PL	1554
	10	24	12	54	39.9872	1	19	50	5.702	3	24	59.33	4	9003	WOOMERA	11182 3	GL	1461
	10	24	12	55	7.9868	1	20	0	21.168	6	15	56.43	4	9003	WOOMERA	11182 10	GL	1462
	10	24	18	41	11.9233	1	1	47	45.977	54	4	57.77	4	9005	TOKYO	6702 8	BO	3158
	10	24	18	41	31.4744	1	2	2	11.410	56	39	11.04	4	9005	TOKYO	6702 10	BO	4076
	10	24	21	18	51.7977	1	9	25	22.553	71	41	9.92	4	9006	NAIN TAL	5128 3	PK	1129
	10	24	21	19	15.7985	1	9	43	49.157	69	5	47.22	4	9006	NAIN TAL	5128 6	PK	1130
	10	25	10	36	20.8207	1	8	11	19.450	75	20	48.71	4	9010	JUPITER	7709 6	MY	1948
	10	25	10	36	44.8263	1	8	45	4.207	73	56	26.28	4	9010	JUPITER	7709 9	MY	1949
	10	25	12	35	22.2164	1	20	21	48.395	11	14	52.71	4	9003	WOOMERA	11209 4	GL	1463
	10	25	12	35	42.2161	1	20	30	23.417	13	39	44.81	4	9003	WOOMERA	11209 9	GL	1464
	10	25	13	5	17.1225	1	11	40	16.462	80	41	0.31	4	9012	MAUI	7989 3	VD	1952
	10	25	13	5	29.1225	1	11	37	7.846	79	24	57.69	4	9012	MAUI	7989 6	VD	1953
	10	25	17	50	24.7491	1	0	58	7.190	- 3	2	42.86	4	9002	OLIFANTS	9771 3	PG	1469
	10	25	17	50	44.7493	1	1	7	16.417	- 0	11	8.17	4	9002	OLIFANTS	9771 8	PG	1470
	10	25	17	51	0.7494	1	1	14	15.378	1	58	56.09	4	9002	OLIFANTS	9771 12	PG	1471
	10	26	1	44	23.8328	1	21	1	44.529	-30	26	59.67	4	9007	AREQUIPA	7372 4	PL	1994
	10	26	1	44	27.8325	1	21	4	59.951	-29	57	32.56	4	9007	AREQUIPA	7372 5	PL	1995
	10	26	12	45	27.8830	1	11	23	47.888	72	26	50.89	4	9012	MAUI	7999 3	VD	3003

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	26	12	45	31.8830	1	11	23	35.906	72	3	57.27	4	9012	MAUI	7999	4	VD 1954
	10	26	15	36	33.9082	1	11	38	55.379	57	50	18.22	4	9012	MAUI	8005	4	GL 1955
	10	26	20	39	9.2343	1	10	14	28.497	55	41	25.30	4	9006	NAIN TAL	5139	3	DU 3038
	10	26	20	39	17.2342	1	10	16	24.113	55	2	0.14	4	9006	NAIN TAL	5139	4	DU 3039
	10	26	23	17	11.9818	3	9	34	18.160	75	15	8.53	4	9008	SHIRAZ	9838	8	BN 1806
	10	27	4	32	44.3932	1	1	49	6.327	52	12	7.43	4	9004	SAN FERNAN	6751	6	BA 892
	10	27	4	32	48.3932	1	1	51	47.075	52	40	59.17	4	9004	SAN FERNAN	6751	7	BA 893
	10	27	15	5	54.6159	1	0	28	59.355	68	28	16.26	4	9012	MAUI	8012	3	GL 1956
	10	27	15	5	58.6159	1	0	30	12.619	68	51	8.20	4	9012	MAUI	8012	4	GL 1957
	10	27	15	6	10.6158	1	0	34	6.004	69	59	52.62	4	9012	MAUI	8012	7	GL 1958
	10	27	19	49	6.8117	1	19	58	14.047	9	28	54.89	4	9002	OLIFANTS	9801	5	PG 3163
	10	27	22	57	29.7582	3	10	18	59.712	65	17	9.63	4	9008	SHIRAZ	9847	10	YK 1807
	10	27	22	57	34.5327	3	10	20	33.704	64	46	4.37	4	9008	SHIRAZ	9847	11	YK 1808
	10	28	1	4	1.5173	1	21	35	57.198	21	52	27.40	4	9011	VILLA DOLO	7165	3	PL 1990
	10	28	1	4	21.5173	1	21	47	9.614	24	24	18.61	4	9011	VILLA DOLO	7165	8	PL 1991
	10	28	9	28	17.4613	1	9	47	39.352	62	36	38.23	4	9001	ORGAN PASS	7996	6	PG 1474
	10	28	9	28	21.4613	1	9	49	34.059	62	10	9.17	4	9001	ORGAN PASS	7996	7	PG 1475
	10	28	9	36	1.9188	1	9	55	3.264	84	32	27.69	4	9009	CURACAO	6164	4	BN 1804
	10	28	9	36	9.9189	1	10	8	16.680	83	59	16.22	4	9009	CURACAO	6164	5	DM 3000
	10	28	11	35	37.4893	1	21	46	46.003	25	17	29.78	4	9003	WOOMERA	11239	2	DM 1465
	10	28	11	36	5.4891	1	22	2	41.131	28	44	54.07	4	9003	WOOMERA	11239	9	DM 1466
	10	28	14	44	56.6133	1	0	1	41.543	69	9	4.17	4	9012	MAUI	8020	4	GL 1959
	10	28	14	45	8.6132	1	0	4	34.804	70	21	51.06	4	9012	MAUI	8020	7	GL 1960
	10	28	19	29	25.3139	1	20	22	18.678	15	52	14.94	4	9002	OLIFANTS	9818	6	PG 3164
	10	28	19	29	33.3140	1	20	25	39.311	16	56	8.20	4	9002	OLIFANTS	9818	8	PG 3165
	10	28	22	37	57.8169	1	1	17	34.297	71	23	30.50	4	9006	NAIN TAL	5150	6	DU 2995
	10	28	22	38	1.8169	1	1	21	16.381	71	52	37.43	4	9006	NAIN TAL	5150	7	DU 2996
	10	29	0	38	42.2137	1	19	10	41.605	-52	18	54.78	4	9007	AREQUIPA	7413	4	BN 1861
	10	29	0	38	58.2145	1	19	21	36.873	-52	3	50.24	4	9007	AREQUIPA	7413	6	BN 1862
	10	29	0	40	18.2111	1	20	22	46.353	-49	27	58.70	4	9007	AREQUIPA	7414	3	MW 4079
	10	29	0	43	22.2030	1	23	4	48.697	-28	25	23.83	4	9007	AREQUIPA	7415	5	BN 1864
	10	29	0	43	30.2026	1	23	11	31.355	-26	55	48.16	4	9007	AREQUIPA	7415	6	BN 4080
	10	29	0	44	14.2176	1	22	15	36.905	26	52	2.60	4	9011	VILLA DOLO	7191	6	PL 1992
	10	29	0	44	22.2172	1	22	20	11.781	27	47	14.31	4	9011	VILLA DOLO	7191	8	PL 6400
	10	29	3	52	42.5387	1	3	16	21.734	67	1	54.14	4	9004	SAN FERNAN	6758	3	PK 894
	10	29	3	52	50.5387	1	3	30	20.930	67	45	11.77	4	9004	SAN FERNAN	6758	5	PK 895
	10	29	9	7	53.5450	1	9	56	47.112	57	43	17.87	4	9001	ORGAN PASS	8006	5	DM 1209
	10	29	9	7	57.5450	1	9	58	8.554	57	18	44.16	4	9001	ORGAN PASS	8006	6	DM 1210
	10	29	9	8	5.5451	1	10	0	44.719	56	30	16.79	4	9001	ORGAN PASS	8006	8	DM 1211
	10	29	9	8	14.3207	1	0	19	46.361	69	43	54.97	4	9010	JUPITER	7731	5	PL 1950
	10	29	9	8	30.3181	1	0	28	7.536	71	44	3.93	4	9010	JUPITER	7731	7	PL 1951
	10	29	11	16	1.2800	1	22	33	35.519	31	18	24.25	4	9003	WOOMERA	11263	3	DM 1467
	10	29	11	16	28.5514	1	22	49	19.656	34	8	53.17	4	9003	WOOMERA	11263	10	DM 5290
	10	29	14	24	44.4937	1	23	41	48.021	74	32	10.76	4	9012	MAUI	8031	4	PL 1961
	10	29	14	24	56.4937	1	23	44	23.702	75	49	32.10	4	9012	MAUI	8031	7	PL 1962

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	10	29	22	17	20.4254	1	1	11	25.067	75	5	14.57	4	9006	NAIN TAL	5160 4	PK	896
	10	29	22	17	24.4257	1	1	16	16.457	75	35	41.39	4	9006	NAIN TAL	5160 5	PK	897
	10	30	0	18	6.2228	1	19	29	58.325	-13	34	27.57	4	9011	VILLA DOLO	7206 3	YK	1490
	10	30	0	18	10.2228	1	19	31	51.240	-13	13	23.89	4	9011	VILLA DOLO	7206 4	YK	1491
	10	30	0	18	10.2281	1	19	35	29.667	-54	49	12.53	4	9007	AREQUIPA	7427 3	YK	1866
	10	30	0	18	26.2279	1	19	47	55.240	-54	26	45.76	4	9007	AREQUIPA	7427 5	YK	1867
	10	30	0	20	18.2213	1	20	36	28.039	0	26	46.50	4	9011	VILLA DOLO	7207 2	LT	5260
	10	30	0	20	18.2241	1	21	23	48.962	-48	31	24.79	4	9007	AREQUIPA	7428 3	BN	5257
	10	30	0	20	26.2211	1	20	40	45.575	1	26	12.12	4	9011	VILLA DOLO	7207 4	YK	1492
	10	30	0	20	26.2240	1	21	30	58.479	-47	49	11.72	4	9007	AREQUIPA	7428 4	BN	5258
	10	30	0	20	34.2211	1	20	45	4.553	2	26	18.23	4	9011	VILLA DOLO	7207 6	YK	1493
	10	30	0	20	34.2235	1	21	38	7.538	-47	4	20.03	4	9007	AREQUIPA	7428 5	BN	5259
	10	30	0	20	38.2209	1	20	47	14.446	2	56	35.07	4	9011	VILLA DOLO	7207 7	YK	1494
	10	30	0	22	14.2193	1	21	40	33.703	15	22	35.76	4	9011	VILLA DOLO	7208 3	PK	1674
	10	30	0	22	26.2192	1	21	47	20.584	16	54	34.37	4	9011	VILLA DOLO	7208 6	PK	1675
	10	30	0	22	58.2163	1	23	37	46.186	-26	3	10.51	4	9007	AREQUIPA	7429 7	YK	3172
	10	30	0	24	22.2157	1	22	52	42.378	30	13	13.70	4	9011	VILLA DOLO	7209 2	PK	1676
	10	30	0	24	42.2160	1	23	3	46.172	32	9	23.73	4	9011	VILLA DOLO	7209 7	DU	2997
	10	30	11	26	7.0683	1	1	4	44.424	51	41	48.29	4	9001	ORGAN PASS	8019 4	DM	1212
	10	30	11	26	11.0684	1	1	6	32.389	52	6	53.82	4	9001	ORGAN PASS	8019 5	DM	1213
	10	30	11	26	55.0700	1	1	29	19.630	56	45	53.50	4	9001	ORGAN PASS	8019 10	DM	1214
	10	30	14	3	43.1943	1	23	8	7.634	74	40	13.34	4	9012	MAUI	8039 3	MY	1963
	10	30	14	3	55.1942	1	23	8	33.668	76	0	43.53	4	9012	MAUI	8039 6	MY	1964
	10	30	14	3	59.1941	1	23	8	40.340	76	27	35.28	4	9012	MAUI	8039 7	MY	1965
	10	30	21	57	41.6969	1	4	44	39.149	84	17	23.15	4	9006	NAIN TAL	5168 3	DU	1480
	10	30	21	57	45.6972	1	5	8	52.173	84	19	43.88	4	9006	NAIN TAL	5168 4	DU	3040
	10	30	23	57	6.2213	1	19	28	0.167	-17	1	46.84	4	9011	VILLA DOLO	7232 6	PG	4086
	10	30	23	57	10.2212	1	19	29	56.026	-16	41	55.38	4	9011	VILLA DOLO	7232 7	PG	6401
	10	30	23	57	14.2228	1	19	46	48.360	-57	15	39.23	4	9007	AREQUIPA	7447 8	YK	4081
	10	30	23	57	30.2219	1	19	59	57.511	-56	50	17.45	4	9007	AREQUIPA	7447 10	YK	1870
	10	30	23	59	14.2189	1	20	33	52.430	- 4	2	5.76	4	9011	VILLA DOLO	7233 4	PG	4087
	10	30	23	59	14.2196	1	21	30	24.802	-51	12	53.81	4	9007	AREQUIPA	7448 9	YK	1871
	10	30	23	59	26.2188	1	20	40	23.380	- 2	35	39.40	4	9011	VILLA DOLO	7233 7	PG	4780
	10	30	23	59	30.2193	1	21	44	24.745	-49	49	1.35	4	9007	AREQUIPA	7448 11	YK	1872
	10	31	0	1	22.2133	1	23	14	58.519	-35	36	6.94	4	9007	AREQUIPA	7449 9	BN	5255
	10	31	0	1	22.2175	1	21	44	49.640	12	9	37.37	4	9011	VILLA DOLO	7234 2	LT	5261
	10	31	0	1	30.2125	1	23	20	44.888	-34	19	10.98	4	9007	AREQUIPA	7449 10	BN	5256
	10	31	0	1	30.2175	1	21	49	18.199	13	10	33.97	4	9011	VILLA DOLO	7234 4	LT	5262
	10	31	0	1	34.2176	1	21	51	32.409	13	40	48.24	4	9011	VILLA DOLO	7234 5	PG	2852
	10	31	0	1	38.2122	1	23	26	26.267	-33	0	32.11	4	9007	AREQUIPA	7449 11	BN	5780
	10	31	0	1	38.2174	1	21	53	46.586	14	10	54.92	4	9011	VILLA DOLO	7234 6	PG	2853
	10	31	0	3	38.2157	1	22	59	35.342	27	43	43.05	4	9011	VILLA DOLO	7235 6	PG	4089
	10	31	0	3	42.2158	1	23	1	43.301	28	7	2.00	4	9011	VILLA DOLO	7235 7	PG	2854
	10	31	0	35	24.4896	3	0	57	45.763	62	32	17.48	4	9008	SHIRAZ	9883 4	DM	7995
	10	31	0	35	28.4901	3	1	0	2.290	62	59	46.77	4	9008	SHIRAZ	9883 5	DM	7996

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	10	31	11	6	30.0656	1	1	27	36.782	61	13	56.42	4	9001	ORGAN PASS	8031	2	YK	1215
	10	31	11	6	36.0658	1	1	32	7.360	61	55	24.08	4	9001	ORGAN PASS	8031	5	YK	1216
	10	31	11	6	40.0659	1	1	35	15.307	62	22	52.98	4	9001	ORGAN PASS	8031	7	YK	1217
	10	31	13	44	13.1754	1	21	47	2.903	84	55	23.46	4	9012	MAUI	8047	3	MY	1966
	11	1	8	8	48.2120	1	10	41	4.587	79	7	27.80	4	9010	JUPITER	7740	4	SY	8197
	11	1	8	9	20.2133	1	10	48	57.091	74	58	34.50	4	9010	JUPITER	7740	8	SY	8198
	11	1	10	9	35.8958	1	20	38	30.307	- 6	43	31.06	4	9003	WOOMERA	11299	2	SE	3429
	11	1	10	46	28.9984	1	1	56	51.101	68	59	18.21	4	9001	ORGAN PASS	8040	2	TJ	3394
	11	1	10	46	32.9982	1	2	1	57.455	69	26	40.82	4	9001	ORGAN PASS	8040	4	TJ	3395
	11	1	13	23	59.6666	1	15	43	45.308	86	41	23.16	4	9012	MAUI	8052	3	NG	3199
	11	1	13	24	15.6665	1	14	8	20.176	85	42	49.08	4	9012	MAUI	8052	7	NG	3200
	11	1	13	30	27.2163	10	11	41	59.899	51	38	48.58	4	9012	MAUI	8053	3	BZ	3197
	11	1	13	30	35.2164	10	11	42	11.718	51	3	49.13	4	9012	MAUI	8053	5	BZ	3198
	11	1	23	55	49.0087	1	3	10	36.643	80	47	25.28	4	9008	SHIRAZ	9902	4	SC	3191
	11	1	23	55	57.0093	1	3	39	7.160	81	19	2.81	4	9008	SHIRAZ	9902	6	KA	3192
	11	1	23	59	13.5180	1	10	11	15.920	64	29	56.50	4	9008	SHIRAZ	9903	4	KA	3193
	11	1	23	59	25.5181	1	10	16	8.234	63	6	10.59	4	9008	SHIRAZ	9903	7	KA	3194
	11	1	23	59	59.1443	1	3	25	33.257	57	1	36.46	4	9006	NAIN TAL	5189	5	NG	4541
	11	2	2	33	24.8910	1	9	41	48.075	50	9	34.42	4	9004	SAN FERNAN	6781	1	PB	3425
	11	2	2	33	36.8921	1	9	45	57.629	48	54	25.54	4	9004	SAN FERNAN	6781	4	PB	3426
	11	2	5	11	48.3886	1	2	8	17.419	42	9	54.61	4	9004	SAN FERNAN	6785	3	PB	3427
	11	2	5	12	0.3887	1	2	14	54.172	42	59	30.74	4	9004	SAN FERNAN	6785	6	SE	3428
	11	2	20	58	32.5695	1	10	44	46.816	57	50	18.68	4	9006	NAIN TAL	5196	3	NG	3387
	11	2	23	36	14.0633	1	8	44	38.072	79	18	20.43	4	9008	SHIRAZ	9915	4	KA	4530
	11	2	23	36	30.0630	1	9	10	26.854	77	18	7.67	4	9008	SHIRAZ	9915	8	KA	6569
	11	3	1	44	15.5769	1	20	12	3.848	23	40	33.50	4	9007	AREQUIPA	7507	4	SC	4829
	11	3	1	44	39.5761	1	20	21	12.715	27	19	28.09	4	9007	AREQUIPA	7507	10	NG	4519
	11	3	10	7	2.2329	1	7	59	19.358	75	46	50.86	4	9001	ORGAN PASS	8063	7	TJ	3396
	11	3	10	7	10.2332	1	8	14	16.186	74	50	50.11	4	9001	ORGAN PASS	8063	9	TJ	3397
	11	3	10	9	34.2311	1	10	5	47.667	56	33	12.74	4	9001	ORGAN PASS	8064	5	SE	3398
	11	3	10	9	50.2310	1	10	10	59.965	54	41	55.31	4	9001	ORGAN PASS	8064	9	SE	3399
	11	3	10	11	54.2303	1	10	38	46.640	42	15	13.79	4	9001	ORGAN PASS	8065	6	KA	3400
	11	3	10	12	2.2304	1	10	40	6.233	41	33	38.74	4	9001	ORGAN PASS	8065	8	KA	3401
	11	3	23	16	18.2992	1	10	6	52.309	70	48	29.86	4	9008	SHIRAZ	9926	2	SS	3364
	11	3	23	16	26.2995	1	10	10	20.265	69	43	30.30	4	9008	SHIRAZ	9926	4	SS	3365
	11	4	17	40	39.6755	1	7	48	38.748	66	18	12.98	4	9005	TOKYO	6745	5	WS	4520
	11	4	17	40	55.6757	1	8	9	19.658	64	23	7.57	4	9005	TOKYO	6745	9	WS	3227
	11	4	22	56	9.4819	1	10	28	49.905	63	37	11.75	4	9008	SHIRAZ	9942	1	SS	3366
	11	5	1	4	50.7447	1	21	28	28.283	40	48	57.25	4	9007	AREQUIPA	7537	3	PB	4525
	11	5	1	5	6.7446	1	21	38	12.549	43	7	39.63	4	9007	AREQUIPA	7537	7	PB	4526
	11	5	17	20	28.3841	1	8	48	12.959	60	48	34.69	4	9005	TOKYO	6759	5	WS	3228
	11	5	17	20	48.3859	1	9	2	58.246	58	3	58.55	4	9005	TOKYO	6759	10	WS	3229
	11	6	6	0	39.9567	1	23	40	6.353	-51	53	47.52	4	9012	MAUI	8099	4	WS	3207
	11	6	6	0	47.9566	1	23	45	28.822	-51	20	9.80	4	9012	MAUI	8099	6	WS	3208
	11	6	9	7	15.9114	1	1	41	10.160	69	57	35.35	4	9010	JUPITER	7780	4	WS	8199

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	6	9	7	18.3533	1	10	18	8.987	50	13	47.87	4	9001	ORGAN PASS	8074	7	KA	3402
	11	6	9	7	26.3533	1	10	19	24.603	49	20	46.27	4	9001	ORGAN PASS	8074	9	KA	3403
	11	6	9	7	39.9123	1	2	11	1.865	72	10	38.56	4	9010	JUPITER	7780	7	WS	8200
	11	6	14	23	22.2356	1	1	2	38.080	72	18	59.54	4	9012	MAUI	8102	4	BZ	3209
	11	6	14	23	34.2355	1	1	12	50.797	73	24	31.82	4	9012	MAUI	8102	7	BZ	3210
	11	6	17	0	56.9234	1	9	38	33.190	49	13	7.91	4	9005	TOKYO	6779	4	KA	3230
	11	6	17	1	30.7125	1	9	49	12.045	45	14	15.08	4	9005	TOKYO	6779	11	KA	3231
	11	7	0	26	1.2195	10	23	13	33.845	-33	47	37.21	4	9009	CURACAO	6217	3	KA	3328
	11	7	0	26	13.2196	10	23	23	50.675	-32	5	9.34	4	9009	CURACAO	6217	6	KA	3329
	11	7	0	55	2.3743	1	2	27	50.888	55	29	3.67	4	9008	SHIRAZ	9965	4	SS	3367
	11	7	0	55	10.3740	1	2	34	11.338	55	58	45.45	4	9008	SHIRAZ	9965	6	SS	3368
	11	7	8	47	33.7433	1	10	24	14.170	42	12	4.88	4	9001	ORGAN PASS	8092	3	BZ	3404
	11	7	8	47	41.7433	1	10	25	4.993	41	28	28.19	4	9001	ORGAN PASS	8092	5	KA	3405
	11	7	8	47	46.1999	1	4	0	35.155	78	55	12.34	4	9010	JUPITER	7787	6	WS	8201
	11	7	8	48	2.1993	1	4	50	47.502	79	11	54.79	4	9010	JUPITER	7787	8	WS	8202
	11	7	11	25	18.9796	1	2	16	55.851	49	29	24.85	4	9001	ORGAN PASS	8099	7	KA	3406
	11	7	11	25	30.9798	1	2	25	36.037	50	13	30.90	4	9001	ORGAN PASS	8099	10	KA	3407
	11	7	14	3	38.9732	1	1	58	7.893	80	43	41.86	4	9012	MAUI	8108	3	NG	3201
	11	7	14	3	50.9731	1	2	26	52.819	81	39	32.34	4	9012	MAUI	8108	6	KA	3202
	11	7	19	19	14.7878	1	2	52	20.976	39	43	32.69	4	9005	TOKYO	6804	3	BZ	4521
	11	7	19	20	18.7900	1	3	37	54.106	41	34	37.42	4	9005	TOKYO	6804	11	BZ	3233
	11	8	0	5	32.8409	1	23	43	29.204	-32	26	39.54	4	9009	CURACAO	6225	4	KA	3330
	11	8	0	5	40.8389	1	23	50	0.445	-31	14	25.03	4	9009	CURACAO	6225	8	KA	3331
	11	8	0	34	59.8512	1	2	55	6.365	61	4	24.29	4	9008	SHIRAZ	9976	6	KA	6566
	11	8	0	35	7.8512	1	3	3	56.567	61	31	40.31	4	9008	SHIRAZ	9976	8	KA	3369
	11	8	5	20	7.9613	1	0	28	7.587	-45	50	2.78	4	9012	MAUI	8118	3	KA	4532
	11	8	5	20	11.9612	1	0	30	22.134	-45	28	18.10	4	9012	MAUI	8118	4	KA	3204
	11	8	5	22	8.9588	1	1	33	4.076	-33	7	37.34	4	9012	MAUI	8119	5	WS	3205
	11	8	5	22	12.9588	1	1	35	6.555	-32	39	11.72	4	9012	MAUI	8119	6	WS	3206
	11	8	11	5	42.1170	1	3	3	57.999	56	14	44.73	4	9001	ORGAN PASS	8112	3	KA	4517
	11	8	11	5	46.1171	1	3	8	13.128	56	27	3.43	4	9001	ORGAN PASS	8112	5	KA	3409
	11	8	13	43	24.8570	1	4	9	10.205	85	45	26.97	4	9012	MAUI	8124	4	BZ	3211
	11	8	13	43	28.8571	1	4	36	7.394	85	49	13.39	4	9012	MAUI	8124	6	SC	4533
	11	8	21	37	27.8885	1	9	17	9.435	65	38	16.53	4	9006	NAIN TAL	5259	4	SC	4553
	11	8	21	37	39.8885	1	9	24	39.674	63	57	25.23	4	9006	NAIN TAL	5259	7	SC	3831
	11	9	10	45	52.8376	1	4	12	17.792	61	34	23.94	4	9001	ORGAN PASS	8127	4	KA	3410
	11	9	10	46	0.8389	1	4	24	17.979	61	39	53.82	4	9001	ORGAN PASS	8127	8	KA	3411
	11	9	13	23	37.1416	1	9	59	10.501	81	11	35.52	4	9012	MAUI	8139	3	BZ	3213
	11	9	13	23	49.1414	1	10	7	11.794	79	42	10.92	4	9012	MAUI	8139	6	BZ	3214
	11	9	18	39	49.2352	1	4	24	25.882	47	28	20.66	4	9005	TOKYO	6819	7	KA	4830
	11	9	18	40	13.2354	1	4	50	23.886	47	13	28.60	4	9005	TOKYO	6819	13	KA	3240
	11	10	7	49	6.2639	1	10	24	28.721	54	6	52.86	4	9010	JUPITER	7807	6	KA	8203
	11	10	7	49	22.2650	1	10	26	44.874	52	10	19.21	4	9010	JUPITER	7807	8	KA	8204
	11	10	7	49	53.1154	1	10	37	27.500	79	16	43.18	4	9009	CURACAO	6246	3	BZ	3332
	11	10	7	50	33.1154	1	10	45	26.599	75	15	43.48	4	9009	CURACAO	6246	8	LE	4538

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.		MS	OBS.NO.
1962	11	10	13	4	12.3969	1	10	48	23.797	69	3	48.29	4	9012	MAUI	8154	4	FI	4544
	11	10	13	4	24.3968	1	10	48	58.421	67	36	22.15	4	9012	MAUI	8154	7	FI	3801
	11	11	10	6	54.5546	1	8	17	22.823	53	43	50.90	4	9001	ORGAN PASS	8166	3	SC	3187
	11	11	10	7	0.5545	1	8	22	0.556	52	54	38.15	4	9001	ORGAN PASS	8166	6	SC	3188
	11	11	12	44	42.4877	1	10	57	29.416	58	3	43.76	4	9012	MAUI	8169	4	FI	4835
	11	11	12	44	54.4819	1	10	57	34.264	56	44	46.05	4	9012	MAUI	8169	7	FI	3803
	11	11	23	16	23.7971	1	9	28	59.980	50	3	17.61	4	9008	SHIRAZ	10012	4	KA	3370
	11	11	23	16	31.7974	1	9	31	57.658	48	58	23.19	4	9008	SHIRAZ	10012	6	KA	3371
	11	12	1	59	10.0880	1	5	35	23.675	23	36	28.10	4	9008	SHIRAZ	10025	6	LE	3372
	11	12	9	46	45.9294	1	8	58	22.337	47	52	52.68	4	9001	ORGAN PASS	8183	6	SC	3189
	11	12	9	46	51.9293	1	9	1	19.923	47	2	20.01	4	9001	ORGAN PASS	8183	9	SC	3190
	11	12	22	56	6.6343	1	9	48	25.326	44	51	34.07	4	9008	SHIRAZ	10034	3	LE	3373
	11	12	22	56	10.6339	1	9	49	24.164	44	20	44.69	4	9008	SHIRAZ	10034	4	LE	3374
	11	13	14	14	40.0288	1	22	56	1.605	-32	52	11.22	4	9006	NAIN TAL	5328	6	WS	3828
	11	13	14	14	56.0290	1	23	7	37.426	-31	31	55.25	4	9006	NAIN TAL	5328	10	WS	3829
	11	13	14	43	20.9007	1	3	21	34.491	56	42	47.45	4	9012	MAUI	8190	4	FI	4545
	11	13	14	43	32.9004	1	3	31	43.456	56	55	53.82	4	9012	MAUI	8190	7	FI	4546
	11	14	0	45	44.6613	1	20	0	59.333	23	23	35.43	4	9009	CURACAO	6284	3	CB	3336
	11	14	0	45	56.6614	1	20	4	59.806	26	0	43.22	4	9009	CURACAO	6284	9	CB	3337
	11	14	6	1	15.1269	1	22	13	3.185	- 8	0	41.47	4	9012	MAUI	8201	5	FI	3806
	11	14	13	54	49.9823	1	23	44	55.929	-28	29	9.78	4	9006	NAIN TAL	5348	7	WS	3827
	11	14	22	16	57.8206	1	6	12	50.377	46	58	59.89	4	9006	NAIN TAL	5355	3	SS	3825
	11	14	22	17	13.8210	1	6	28	17.983	45	33	27.07	4	9006	NAIN TAL	5355	7	SS	3826
	11	15	0	26	20.2533	1	20	54	21.957	41	30	42.40	4	9009	CURACAO	6295	3	SC	3334
	11	15	0	26	28.2544	1	20	59	56.310	43	33	52.09	4	9009	CURACAO	6295	7	SC	3335
	11	15	5	41	43.6564	1	23	41	16.105	3	50	17.25	4	9012	MAUI	8211	3	LE	3312
	11	15	5	41	49.6560	1	23	47	45.825	5	10	39.83	4	9012	MAUI	8211	6	LE	3313
	11	15	13	35	22.6581	1	0	48	56.620	-19	37	16.52	4	9006	NAIN TAL	5369	3	SS	3823
	11	15	13	36	2.7347	1	1	20	0.970	-14	6	13.27	4	9006	NAIN TAL	5369	11	SS	3824
	11	15	14	3	30.1361	1	5	10	45.311	63	47	51.89	4	9012	MAUI	8220	2	HB	3314
	11	15	14	3	34.1361	1	5	15	56.772	63	39	35.46	4	9012	MAUI	8220	4	HB	3315
	11	15	21	57	51.9641	1	7	51	49.547	37	28	3.89	4	9006	NAIN TAL	5381	4	SS	3821
	11	15	21	57	59.9650	1	7	56	51.561	36	27	55.95	4	9006	NAIN TAL	5381	6	SS	3822
	11	15	23	52	7.7069	1	17	52	31.474	- 0	50	48.43	4	9007	AREQUIPA	7617	8	PB	4528
	11	15	23	59	16.1354	1	19	17	38.980	38	25	25.15	4	9007	AREQUIPA	7618	3	LE	3183
	11	15	23	59	40.1348	1	19	23	52.736	41	4	37.72	4	9007	AREQUIPA	7618	6	LE	4529
	11	16	0	7	1.5407	1	22	58	32.162	59	12	35.50	4	9009	CURACAO	6297	3	CB	3338
	11	16	0	7	13.5410	1	23	18	16.752	61	11	48.26	4	9009	CURACAO	6297	6	CB	3339
	11	16	8	28	52.0054	10	4	41	35.770	67	15	59.40	4	9009	CURACAO	6303	3	KA	3340
	11	16	8	29	12.0053	10	5	4	40.689	66	57	20.37	4	9009	CURACAO	6303	8	KA	3341
	11	16	21	37	54.5845	1	8	33	36.805	31	32	1.02	4	9006	NAIN TAL	5384	4	SS	4552
	11	16	21	38	14.5849	1	8	42	23.578	29	2	12.01	4	9006	NAIN TAL	5384	9	SS	3820
	11	16	23	46	47.7985	1	0	20	19.324	59	2	31.60	4	9009	CURACAO	6308	3	KA	3342
	11	16	23	47	3.7990	1	0	47	33.087	60	27	5.61	4	9009	CURACAO	6308	7	KA	3343
	11	17	23	56	11.1772	1	4	9	1.597	14	43	28.07	4	9006	NAIN TAL	5411	6	BZ	3797

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	11	17	23	56	24.6185	1	4	14	26.261	14	11	40.12	4	9006	NAIN TAL	5411	9	BZ	3798
	11	18	2	5	24.9252	1	0	41	24.088	-10	50	9.65	4	9001	ORGAN PASS	8228	8	SS	3412
	11	18	2	5	28.9253	1	0	45	7.323	-10	15	16.53	4	9001	ORGAN PASS	8228	8	SS	3413
	11	18	5	11	34.6275	1	4	48	47.494	4	58	45.94	4	9004	SAN FERNAN	6908	3	WS	3431
	11	18	5	11	50.6278	1	4	56	2.554	4	9	0.33	4	9004	SAN FERNAN	6908	5	LE	3432
	11	18	7	49	36.6473	1	7	58	47.819	64	2	12.99	4	9009	CURACAO	6319	3	KA	3344
	11	18	7	49	56.6471	1	8	13	32.615	61	58	38.30	4	9009	CURACAO	6319	8	KA	3345
	11	18	10	27	17.9846	1	4	4	39.333	17	50	59.55	4	9010	JUPITER	7900	5	KA	8205
	11	18	10	27	41.9823	1	4	14	36.950	16	53	58.72	4	9010	JUPITER	7900	8	KA	8206
	11	18	23	36	31.5256	3	7	57	10.073	18	58	35.22	4	9008	SHIRAZ	10130	2	BZ	3443
	11	18	23	36	47.5262	3	8	4	48.132	17	13	1.69	4	9008	SHIRAZ	10130	6	BZ	3444
	11	19	1	45	8.6782	1	1	5	54.553	- 8	19	24.93	4	9001	ORGAN PASS	8234	5	LE	3414
	11	19	4	51	46.9906	1	5	10	51.862	2	5	36.99	4	9004	SAN FERNAN	6926	3	LE	3433
	11	19	4	51	54.9906	1	5	14	40.415	1	37	22.51	4	9004	SAN FERNAN	6926	5	WS	3434
	11	19	9	39	12.6303	1	0	39	34.715	-11	25	52.15	4	9005	TOKYO	6883	7	PB	4831
	11	19	9	39	20.6304	1	0	47	0.635	-10	22	34.55	4	9005	TOKYO	6883	9	PB	3242
	11	19	18	0	52.9753	1	7	9	15.569	1	34	12.67	4	9005	TOKYO	6889	11	BZ	3234
	11	19	18	1	8.9772	1	7	17	0.807	0	21	8.23	4	9005	TOKYO	6889	15	BZ	3235
	11	19	20	10	19.7765	1	21	57	44.195	-12	2	0.30	4	9004	SAN FERNAN	6938	2	HB	3435
	11	19	20	10	35.7764	1	22	8	49.732	-10	22	9.42	4	9004	SAN FERNAN	6938	6	HB	4524
	11	19	23	17	6.9163	3	8	41	35.475	10	45	11.71	4	9008	SHIRAZ	10148	1	PB	3377
	11	19	23	17	6.9760	1	4	58	59.511	9	16	44.16	4	9006	NAIN TAL	5432	4	LE	3375
	11	19	23	17	16.5552	1	5	3	28.854	8	41	8.50	4	9006	NAIN TAL	5432	5	LE	3376
	11	19	23	17	26.9165	3	8	48	7.254	8	53	48.36	4	9008	SHIRAZ	10148	6	PB	3378
	11	20	1	25	44.2264	1	2	3	47.100	0	11	34.62	4	9001	ORGAN PASS	8242	7	LE	3415
	11	20	4	32	17.5521	1	5	45	30.195	- 2	30	5.18	4	9004	SAN FERNAN	6945	2	HB	3437
	11	20	4	32	33.5520	1	5	53	6.915	- 3	31	21.46	4	9004	SAN FERNAN	6945	6	HB	3438
	11	20	6	40	54.5676	1	19	11	10.019	29	48	12.90	4	9012	MAUI	8254	4	HB	6570
	11	20	7	10	2.4781	1	9	38	45.960	49	34	35.60	4	9009	CURACAO	6331	4	BZ	3817
	11	20	7	10	14.4783	1	9	41	46.858	48	7	54.88	4	9009	CURACAO	6331	7	BZ	3818
	11	20	9	48	11.1426	1	8	37	13.442	3	8	21.45	4	9001	ORGAN PASS	8247	3	LE	3416
	11	20	9	48	20.9938	1	5	1	11.921	12	26	52.76	4	9010	JUPITER	7909	3	NG	8207
	11	20	9	48	23.1426	1	8	41	0.275	2	12	44.00	4	9001	ORGAN PASS	8247	6	LE	3417
	11	20	9	48	36.9959	1	5	8	59.623	11	24	0.24	4	9010	JUPITER	7909	5	NG	8208
	11	20	15	3	33.0377	1	4	19	2.625	23	40	43.68	4	9012	MAUI	8258	2	HB	3316
	11	20	15	3	49.0375	1	4	26	28.964	22	54	40.01	4	9012	MAUI	8258	6	HB	3317
	11	21	0	57	35.3410	1	21	20	20.587	-39	7	26.54	4	9001	ORGAN PASS	8256	4	LE	4518
	11	21	0	57	39.3411	1	21	22	4.512	-38	58	17.30	4	9001	ORGAN PASS	8256	5	LE	3419
	11	21	1	6	4.0324	1	2	35	52.898	4	48	2.68	4	9001	ORGAN PASS	8257	2	CB	3420
	11	21	1	6	8.0323	1	2	38	21.085	5	8	52.37	4	9001	ORGAN PASS	8257	4	CB	3421
	11	21	4	12	54.5998	1	6	25	38.545	- 7	55	59.19	4	9004	SAN FERNAN	6590	3	BZ	3439
	11	21	4	13	6.6000	1	6	31	1.576	- 8	41	0.58	4	9004	SAN FERNAN	6590	6	SC	3440
	11	21	12	6	16.5949	1	10	16	29.500	17	14	49.88	4	9012	MAUI	8261	3	NG	4833
	11	21	12	6	28.5949	1	10	17	38.086	16	18	1.53	4	9012	MAUI	8261	6	NG	3319
	11	21	12	6	38.1316	1	4	55	24.914	- 2	28	45.17	4	9001	ORGAN PASS	8272	5	CB	3422

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	21	16	53	3.6371	3	19	44	1.076	17	23	14.46	4	9008	SHIRAZ	10177 2	PB	4540
	11	21	16	53	11.6374	3	19	45	23.425	18	38	57.76	4	9008	SHIRAZ	10177 4	PB	3380
	11	22	1	15	47.6767	3	5	1	56.357	- 0	44	18.49	4	9008	SHIRAZ	10187 3	SS	3445
	11	22	1	15	59.6767	3	5	6	32.269	- 1	27	30.82	4	9008	SHIRAZ	10187 6	WS	3446
	11	22	3	24	10.3412	1	20	1	47.944	11	24	21.16	4	9001	ORGAN PASS	8279 1	CB	3423
	11	22	3	24	18.3422	1	20	3	43.153	12	33	39.58	4	9001	ORGAN PASS	8279 5	PB	3424
	11	22	6	1	55.8160	1	20	3	11.420	63	54	23.64	4	9012	MAUI	8268 4	NG	3320
	11	22	6	1	59.8159	1	20	5	35.367	64	53	39.84	4	9012	MAUI	8268 6	NG	4535
	11	22	6	31	4.0863	1	10	18	50.535	30	29	25.57	4	9009	CURACAO	6344 4	KA	3815
	11	22	6	31	20.0866	1	10	20	30.016	28	57	50.31	4	9009	CURACAO	6344 6	KA	3816
	11	22	11	46	47.1328	1	5	9	55.044	- 5	37	58.88	4	9001	ORGAN PASS	8285 4	BZ	2731
	11	22	11	46	59.1329	1	5	14	25.996	- 6	20	40.83	4	9001	ORGAN PASS	8285 7	BZ	2732
	11	22	14	24	28.2639	1	5	28	19.107	18	12	33.86	4	9012	MAUI	8273 2	SE	4536
	11	22	14	24	36.2643	1	5	32	38.004	17	33	6.07	4	9012	MAUI	8273 6	SE	4537
	11	23	3	4	26.8381	1	20	24	12.385	20	24	44.26	4	9001	ORGAN PASS	8294 5	BZ	2733
	11	23	3	4	28.8389	1	20	25	1.210	20	48	50.45	4	9001	ORGAN PASS	8294 6	BZ	2734
	11	23	8	49	44.0017	1	6	59	50.359	- 3	5	4.09	4	9010	JUPITER	7923 6	NG	8209
	11	23	8	49	44.5313	1	5	5	17.592	28	0	54.24	4	9009	CURACAO	6352 5	SS	3781
	11	23	8	50	8.0015	1	7	10	29.598	- 5	2	41.19	4	9010	JUPITER	7923 9	NG	8755
	11	23	8	50	8.5311	1	5	16	57.994	26	26	38.96	4	9009	CURACAO	6352 8	SS	3782
	11	23	10	58	4.5042	1	20	19	8.816	10	30	25.28	4	9005	TOKYO	6894 5	BZ	3236
	11	23	11	27	3.4962	1	5	30	16.339	- 9	38	27.63	4	9001	ORGAN PASS	8305 4	BZ	2735
	11	23	11	27	15.4961	1	5	34	56.593	-10	22	52.66	4	9001	ORGAN PASS	8305 7	BZ	2736
	11	23	19	20	54.6348	1	5	31	1.629	-15	7	16.51	4	9005	TOKYO	6905 4	BZ	3237
	11	23	19	21	26.6360	1	5	41	42.797	-16	47	19.62	4	9005	TOKYO	6905 8	SC	3238
	11	24	23	45	8.4761	1	18	32	32.045	72	34	52.14	4	9009	CURACAO	6370 4	SS	3783
	11	24	23	45	16.4761	1	18	31	53.276	73	53	38.52	4	9009	CURACAO	6370 6	SS	3784
	11	25	0	16	57.4808	3	6	22	31.055	-14	56	14.82	4	9008	SHIRAZ	10204 2	TJ	3382
	11	25	0	17	13.4815	3	6	28	53.435	-15	58	19.08	4	9008	SHIRAZ	10204 6	TJ	3383
	11	25	8	10	34.8234	1	6	27	39.311	20	41	25.26	4	9009	CURACAO	6380 5	SC	3785
	11	25	8	10	46.8238	1	6	33	43.584	19	28	2.50	4	9009	CURACAO	6380 8	SS	3786
	11	25	10	47	56.1292	1	6	27	29.403	-19	28	46.22	4	9001	ORGAN PASS	8313 2	KA	2737
	11	25	10	48	4.1291	1	6	30	32.392	-19	56	9.76	4	9001	ORGAN PASS	8313 4	KA	2738
	11	25	23	57	27.6874	3	6	57	0.454	-20	9	40.74	4	9008	SHIRAZ	10218 3	TJ	3384
	11	25	23	57	43.6870	3	7	2	58.735	-21	4	47.67	4	9008	SHIRAZ	10218 7	TJ	3385
	11	26	2	4	35.2406	1	23	48	57.055	47	57	42.85	4	9001	ORGAN PASS	8320 8	KA	2739
	11	26	10	28	30.4644	1	7	1	14.586	-24	21	45.01	4	9001	ORGAN PASS	8327 4	KA	2740
	11	26	10	28	46.4642	1	7	6	52.586	-25	8	29.40	4	9001	ORGAN PASS	8327 8	KA	2741
	11	26	15	13	46.6534	3	2	16	17.835	58	38	38.36	4	9008	SHIRAZ	10228 5	FI	4543
	11	26	15	13	52.6541	3	2	28	44.346	58	27	38.26	4	9008	SHIRAZ	10228 8	FI	3799
	11	26	23	4	31.8253	1	21	12	53.174	83	18	38.47	4	9009	CURACAO	6388 4	SS	3787
	11	26	23	4	43.8255	1	22	2	30.822	84	39	11.64	4	9009	CURACAO	6388 7	SS	3788
	11	27	1	45	1.6292	1	2	17	31.044	48	7	9.45	4	9001	ORGAN PASS	8335 4	SC	2742
	11	27	1	45	13.6298	1	2	37	43.595	47	59	27.64	4	9001	ORGAN PASS	8335 10	SC	2743
	11	27	7	30	57.5101	1	7	48	8.180	10	27	56.62	4	9009	CURACAO	6397 6	CB	3789

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	11	27	7	31	9.5103	1	7	53	4.655	9	5	59.55	4	9009	CURACAO	6397	9	CB 3790
	11	27	10	9	4.3580	1	7	33	42.689	-28	22	33.65	4	9001	ORGAN PASS	8343	4	SC 2744
	11	27	10	9	16.3579	1	7	37	30.974	-28	51	32.53	4	9001	ORGAN PASS	8343	7	NG 2745
	11	27	12	46	57.1843	1	8	58	24.178	-11	54	47.91	4	9012	MAUI	8299	2	SE 3322
	11	27	12	47	45.1826	1	9	9	54.874	-14	49	42.97	4	9012	MAUI	8299	8	SE 3323
	11	27	15	24	19.3829	1	4	42	5.361	- 7	1	59.40	4	9012	MAUI	8308	2	SE 3324
	11	27	15	24	31.3828	1	4	45	19.033	- 7	42	51.08	4	9012	MAUI	8308	5	SE 3325
	11	27	23	18	23.8509	1	8	0	56.479	-27	58	43.45	4	9008	SHIRAZ	10245	5	FI 3800
	11	28	7	11	29.1688	10	8	30	54.755	2	37	45.72	4	9009	CURACAO	6414	4	KA 3791
	11	28	7	11	53.1685	10	8	38	36.355	0	14	49.82	4	9009	CURACAO	6414	7	KA 3792
	11	28	9	48	58.1792	1	7	51	55.524	-30	4	31.03	4	9001	ORGAN PASS	8358	6	NG 2746
	11	28	14	34	15.5208	1	18	54	41.746	50	9	16.16	4	9006	NAIN TAL	5551	5	FI 3810
	11	28	22	58	21.5437	1	5	36	15.713	-25	12	6.18	4	9006	NAIN TAL	5558	5	FI 4836
	11	28	22	58	45.5444	1	5	43	25.356	-26	28	36.46	4	9006	NAIN TAL	5558	8	FI 4548
	11	29	6	52	11.6092	1	9	7	34.431	- 4	57	7.64	4	9009	CURACAO	6429	4	KA 3793
	11	29	6	52	35.6090	1	9	13	27.271	- 6	51	40.90	4	9009	CURACAO	6429	7	KA 3794
	11	29	8	59	19.6051	1	3	43	19.687	35	51	48.51	4	9005	TOKYO	6932	6	NG 6568
	11	29	8	59	27.6052	1	3	50	37.801	35	33	3.57	4	9005	TOKYO	6932	7	WS 4832
	11	29	9	30	2.0245	1	4	43	22.950	- 3	46	58.74	4	9009	CURACAO	6433	5	KA 3795
	11	29	9	30	10.0243	1	4	45	24.126	- 4	15	24.46	4	9009	CURACAO	6433	6	SC 3796
	11	29	14	14	33.2434	1	19	3	1.078	66	14	28.88	4	9006	NAIN TAL	5566	2	NG 4542
	11	29	14	14	57.2439	1	19	4	42.834	72	23	14.46	4	9006	NAIN TAL	5566	9	NG 3393
	11	30	9	15	4.0604	1	6	26	8.905	18	30	41.19	4	9007	AREQUIPA	7747	3	LE 3185
	11	30	9	15	28.0605	1	6	32	36.142	17	0	31.85	4	9007	AREQUIPA	7747	6	LE 3186
	11	30	13	54	46.4647	1	20	23	0.196	82	42	32.63	4	9006	NAIN TAL	5580	6	FI 3812
	11	30	14	26	11.1000	1	5	42	15.713	-24	17	55.90	4	9012	MAUI	8327	2	SE 3326
	11	30	14	26	27.1000	1	5	47	17.002	-25	18	21.50	4	9012	MAUI	8327	6	SE 3327
	11	30	22	19	13.8297	1	6	20	10.379	-34	36	48.80	4	9006	NAIN TAL	5588	4	FI 4838
	11	30	22	19	37.8304	1	6	27	38.619	-35	41	59.41	4	9006	NAIN TAL	5588	7	FI 3814
	12	1	13	34	29.1970	1	2	21	50.684	84	1	40.40	4	9006	NAIN TAL	5596	4	SC 5026
	12	1	13	34	45.1976	1	4	7	50.510	81	48	5.54	4	9006	NAIN TAL	5596	8	SC 5027
	12	1	18	50	26.8255	1	3	29	44.163	47	7	13.98	4	9004	SAN FERNAN	7026	2	NG 5012
	12	1	18	50	32.8256	1	3	37	33.102	46	35	6.20	4	9004	SAN FERNAN	7026	6	BZ 5013
	12	1	21	59	24.2709	1	6	40	56.535	-38	4	16.63	4	9006	NAIN TAL	5603	4	LE 5028
	12	1	21	59	32.2709	1	6	43	27.783	-38	23	50.88	4	9006	NAIN TAL	5603	5	LE 5029
	12	2	0	5	23.9311	1	5	2	25.906	84	46	16.13	4	9010	JUPITER	7962	6	KA 8457
	12	2	0	5	27.9315	1	5	17	39.067	83	59	50.93	4	9010	JUPITER	7962	7	PB 8458
	12	2	2	42	59.9610	1	18	57	41.544	49	9	17.84	4	9001	ORGAN PASS	8381	4	WS 5098
	12	2	2	43	3.9607	1	18	58	0.458	50	0	22.86	4	9001	ORGAN PASS	8381	6	WS 5099
	12	2	5	14	59.1145	1	17	54	45.274	32	45	54.74	4	9012	MAUI	8334	5	TJ 5489
	12	2	8	30	41.6462	1	5	19	48.837	-16	35	35.43	4	9009	CURACAO	6458	1	TJ 5496
	12	2	8	30	57.6464	1	5	24	48.734	-17	47	20.98	4	9009	CURACAO	6458	3	TJ 5497
	12	2	10	37	43.0601	1	19	31	6.166	50	14	16.26	4	9005	TOKYO	6965	9	FI 5195
	12	2	10	37	47.0600	1	19	32	8.702	51	10	48.47	4	9005	TOKYO	6965	10	FI 5196
	12	2	13	15	0.5329	1	5	26	8.434	67	40	34.34	4	9006	NAIN TAL	5608	5	LE 5280

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	2	13	15	20.5334	1	5	41	20.171	64	18	2.00	4	9006	NAIN TAL	5608	10	LE	5031
	12	2	15	52	52.3047	1	18	5	24.768	76	15	19.60	4	9008	SHIRAZ	10306	12	KA	5055
	12	2	15	52	56.3048	1	18	1	51.405	77	11	23.68	4	9008	SHIRAZ	10306	14	KA	5286
	12	2	23	45	40.3351	1	5	44	28.026	70	49	28.19	4	9010	JUPITER	7971	7	KA	8459
	12	2	23	45	52.3359	1	5	52	2.378	68	49	35.59	4	9010	JUPITER	7971	10	KA	8460
	12	3	0	18	30.3001	1	8	40	33.424	37	5	53.06	4	9002	OLIFANTS	10090	4	CB	5177
	12	3	8	11	17.9812	1	5	47	15.927	-23	37	41.82	4	9009	CURACAO	6471	3	TJ	5498
	12	3	8	11	25.9812	1	5	49	56.739	-24	13	23.57	4	9009	CURACAO	6471	5	TJ	5499
	12	3	10	16	39.6821	1	19	27	36.048	46	57	54.12	4	9005	TOKYO	6979	3	FI	5197
	12	3	10	16	55.6828	1	19	32	33.997	50	39	5.01	4	9005	TOKYO	6979	7	FI	5198
	12	3	13	26	36.3354	1	6	48	10.262	-37	2	49.53	4	9012	MAUI	8345	5	LE	5490
	12	3	13	26	44.3352	1	6	50	57.097	-37	26	39.73	4	9012	MAUI	8345	7	LE	6508
	12	3	23	58	36.8097	1	8	58	51.749	33	24	59.63	4	9002	OLIFANTS	10108	1	CB	5178
	12	3	23	59	0.8094	1	9	4	11.989	31	40	43.03	4	9002	OLIFANTS	10108	4	LE	6082
	12	4	2	3	44.6690	1	22	42	22.672	84	26	49.65	4	9001	ORGAN PASS	8410	3	SS	6080
	12	4	2	3	50.6674	1	23	48	50.716	85	7	26.75	4	9001	ORGAN PASS	8410	6	SS	5101
	12	4	23	38	49.4231	1	9	15	46.307	29	6	0.86	4	9002	OLIFANTS	10124	4	LE	5179
	12	4	23	39	5.4232	1	9	18	59.303	27	56	30.12	4	9002	OLIFANTS	10124	6	LE	5180
	12	5	1	44	15.1729	1	5	21	56.612	70	37	21.00	4	9001	ORGAN PASS	8425	3	SS	5102
	12	5	1	44	21.1701	1	5	28	20.696	69	23	22.39	4	9001	ORGAN PASS	8425	6	SS	5103
	12	5	9	37	27.5687	1	1	4	55.130	78	42	48.61	4	9005	TOKYO	6989	15	FI	5199
	12	5	9	37	33.5698	1	1	42	31.176	78	28	38.67	4	9005	TOKYO	6989	18	FI	6088
	12	6	1	24	3.9284	1	5	22	43.048	61	50	54.62	4	9001	ORGAN PASS	8438	7	KA	5104
	12	6	1	24	5.9291	1	5	24	6.274	61	29	50.91	4	9001	ORGAN PASS	8438	8	KA	5105
	12	6	7	12	3.3385	1	7	15	57.010	-38	35	11.64	4	9009	CURACAO	6484	3	TJ	5500
	12	6	7	12	11.3378	1	7	18	54.643	-39	0	13.23	4	9009	CURACAO	6484	4	TJ	5501
	12	6	7	12	27.6903	1	7	47	47.899	16	25	17.59	4	9007	AREQUIPA	7771	3	BZ	5494
	12	6	7	12	35.6901	1	7	50	30.147	15	39	2.58	4	9007	AREQUIPA	7771	4	BZ	5495
	12	6	9	17	45.9248	1	4	35	24.041	65	30	1.27	4	9005	TOKYO	6997	6	FI	5200
	12	6	9	17	53.9255	1	4	46	32.693	63	52	19.08	4	9005	TOKYO	6997	8	FI	5201
	12	7	0	59	51.7072	1	20	23	20.371	62	17	48.81	4	9001	ORGAN PASS	8453	4	KA	5106
	12	7	0	59	55.7074	1	20	28	37.097	63	12	7.06	4	9001	ORGAN PASS	8453	6	KA	6495
	12	7	8	52	34.7462	1	19	23	23.873	36	22	17.34	4	9005	TOKYO	7008	7	FI	5202
	12	7	8	52	46.7463	1	19	28	39.748	38	37	29.14	4	9005	TOKYO	7008	10	FI	5203
	12	7	19	26	5.7558	1	19	3	50.251	41	8	40.18	4	9004	SAN FERNAN	7041	3	BZ	5014
	12	7	19	26	13.7558	1	19	5	48.903	42	34	55.67	4	9004	SAN FERNAN	7041	5	BZ	5015
	12	8	8	32	8.6268	1	19	41	52.248	40	20	8.87	4	9005	TOKYO	7018	6	FI	5204
	12	8	8	32	16.6271	1	19	46	48.167	41	55	32.61	4	9005	TOKYO	7018	8	FI	6089
	12	8	13	51	3.7460	1	17	48	14.579	55	19	9.11	4	9006	NAIN TAL	5661	4	LE	5032
	12	8	13	51	15.7463	1	17	45	54.349	57	16	12.47	4	9006	NAIN TAL	5661	7	LE	5033
	12	8	19	5	10.5273	1	19	1	46.033	40	17	38.91	4	9004	SAN FERNAN	7055	2	BZ	5016
	12	8	19	5	22.5273	1	19	5	12.649	42	26	4.47	4	9004	SAN FERNAN	7055	5	BZ	5017
	12	9	0	56	47.4284	1	6	24	18.452	22	8	10.49	4	9002	OLIFANTS	10177	6	LE	6083
	12	9	0	57	11.4285	1	6	31	46.631	20	25	10.82	4	9002	OLIFANTS	10177	9	LE	5182
	12	9	13	31	20.8479	1	17	25	54.506	67	54	30.60	4	9006	NAIN TAL	5674	4	WS	5281

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME NO.	MS	OBS.NO.
1962	12	9	13	31	32.8477	1	17	19	4.778	70	8	43.34	4	9006	NAIN TAL	5674 7	WS	5035
	12	9	18	44	13.3191	1	19	0	19.920	39	7	14.52	4	9004	SAN FERNAN	7066 2	BZ	5018
	12	9	18	44	29.3191	1	19	5	34.376	41	55	17.81	4	9004	SAN FERNAN	7066 6	BZ	6501
	12	10	13	9	59.7343	1	17	38	2.273	63	18	10.95	4	9006	NAIN TAL	5688 5	LE	5036
	12	10	13	10	7.7346	1	17	36	9.947	64	45	31.08	4	9006	NAIN TAL	5688 7	LE	5037
	12	11	12	49	6.3764	1	17	41	59.683	63	48	34.63	4	9006	NAIN TAL	5700 4	LE	5282
	12	11	12	49	18.3766	1	17	40	21.317	66	1	51.16	4	9006	NAIN TAL	5700 7	LE	5039
	12	12	7	57	35.2655	1	7	5	13.133	-11	0	34.60	4	9011	VILLA DOLO	7611 2	NG	6502
	12	12	7	57	59.2650	1	7	11	43.393	-12	38	23.62	4	9011	VILLA DOLO	7611 5	NG	5023
	12	12	18	31	26.5278	1	7	48	27.785	-24	30	51.89	4	9003	WOOMERA	11833 6	NG	5183
	12	12	18	31	42.5275	1	7	53	19.087	-25	30	49.84	4	9003	WOOMERA	11833 10	NG	5184
	12	13	14	47	54.4404	1	17	19	44.467	66	58	14.35	4	9008	SHIRAZ	10393 4	NG	5057
	12	13	14	48	6.4406	1	17	15	11.648	69	5	1.54	4	9008	SHIRAZ	10393 7	PB	5058
	12	13	20	6	19.8149	1	19	4	47.299	45	49	50.98	4	9004	SAN FERNAN	7097 3	PB	5019
	12	14	14	32	39.1751	1	17	53	45.074	67	14	5.70	4	9006	NAIN TAL	5729 5	SC	5283
	12	15	0	59	49.8989	1	22	18	16.685	88	59	28.20	4	9001	ORGAN PASS	8540 3	KA	5108
	12	15	0	59	55.9003	1	3	6	30.821	88	42	46.11	4	9001	ORGAN PASS	8540 6	KA	5081
	12	15	14	11	11.9217	1	17	48	49.253	62	21	7.29	4	9006	NAIN TAL	5742 3	SC	5040
	12	15	14	11	35.9222	1	17	42	27.123	66	4	40.87	4	9006	NAIN TAL	5742 9	LE	6503
	12	16	8	32	40.9931	1	20	31	44.269	78	0	34.73	4	9005	TOKYO	7099 17	FI	5205
	12	16	8	32	48.9929	1	21	0	33.348	79	30	57.94	4	9005	TOKYO	7099 19	FI	5206
	12	16	13	50	55.9755	1	17	24	24.886	68	48	58.71	4	9006	NAIN TAL	5755 5	NG	5284
	12	16	13	51	3.9757	1	17	20	22.132	70	8	23.77	4	9006	NAIN TAL	5755 7	NG	6504
	12	17	0	54	29.8392	1	4	53	6.510	- 0	39	49.87	4	9002	OLIFANTS	10263 6	KA	5536
	12	17	0	54	53.8389	1	4	59	14.182	- 2	28	54.12	4	9002	OLIFANTS	10263 9	KA	6497
	12	17	13	30	6.8043	1	17	11	26.893	70	9	35.41	4	9006	NAIN TAL	5764 4	TJ	5063
	12	17	13	30	18.8045	1	17	4	16.762	72	8	59.49	4	9006	NAIN TAL	5764 7	TJ	5064
	12	17	18	43	51.9717	1	18	51	20.523	58	42	54.16	4	9004	SAN FERNAN	7128 2	BZ	5046
	12	17	18	43	53.9718	1	18	52	17.024	59	5	22.78	4	9004	SAN FERNAN	7128 3	BZ	5047
	12	18	0	1	32.8551	1	15	53	34.751	76	31	58.12	4	9010	JUPITER	8074 3	KA	5020
	12	18	13	9	46.8183	1	16	36	8.523	76	29	25.23	4	9006	NAIN TAL	5775 2	WS	5042
	12	18	13	9	58.8186	1	16	18	58.952	78	30	0.19	4	9006	NAIN TAL	5775 5	WS	7094
	12	18	18	23	6.8948	1	18	52	59.239	60	50	37.07	4	9004	SAN FERNAN	7138 2	BZ	5048
	12	18	18	23	22.8946	1	19	3	24.312	63	56	59.46	4	9004	SAN FERNAN	7138 6	BZ	5049
	12	19	0	14	34.0099	1	5	19	54.497	- 7	13	58.05	4	9002	OLIFANTS	10287 4	WS	6498
	12	19	0	14	58.0103	1	5	27	47.629	- 9	27	40.24	4	9002	OLIFANTS	10287 7	WS	5538
	12	19	10	13	35.5878	1	19	30	59.636	49	28	23.61	4	9005	TOKYO	7134 3	FI	6499
	12	19	10	13	43.5882	1	19	34	55.155	50	31	55.60	4	9005	TOKYO	7134 4	FI	5207
	12	19	23	54	13.2217	1	5	31	53.376	- 9	0	21.98	4	9002	OLIFANTS	10309 4	WS	5539
	12	19	23	54	29.2214	1	5	37	45.739	-10	36	6.93	4	9002	OLIFANTS	10309 6	WS	5540
	12	20	18	33	10.6137	1	8	12	35.431	-52	59	7.97	4	9003	WOOMERA	11958 3	SS	5185
	12	20	18	33	42.6130	1	8	27	16.432	-54	10	45.91	4	9003	WOOMERA	11958 7	SS	5186
	12	20	23	34	30.0544	1	6	2	51.227	-14	51	42.21	4	9002	OLIFANTS	10325 7	SC	5541
	12	20	23	36	19.3446	1	6	50	39.343	-25	43	52.30	4	9002	OLIFANTS	10325 16	SC	5542
	12	21	23	13	43.3333	1	6	11	31.667	-14	6	2.34	4	9002	OLIFANTS	10332 6	KA	6085

DATE Y	M	D	TIME (A-1) H	M	S	RMS MS	R.A.(1950.0) H	M	S	DECL.(1950.0) D	M	S	RMS S	STATION		FRAME	NO.	MS	OBS.NO.
1962	12	21	23	13	47.3334	1	6	13	20.226	-14	32	16.25	4	9002	OLIFANTS	10332	7	KA	5543
	12	22	1	17	47.5724	1	18	10	7.710	69	51	59.44	4	9001	ORGAN PASS	8579	3	PB	5110
	12	22	1	17	55.5692	1	18	12	27.508	71	20	47.02	4	9001	ORGAN PASS	8579	7	PB	5111
	12	22	9	12	25.6394	1	20	0	59.147	68	0	12.68	4	9005	TOKYO	7167	4	FI	6500
	12	22	9	12	33.6391	1	20	13	40.836	69	28	50.79	4	9005	TOKYO	7167	6	FI	5208
	12	22	17	56	33.6819	1	11	17	22.042	-57	34	37.72	4	9003	WOOMERA	11998	1	LE	6496
	12	22	22	53	37.4766	1	6	41	22.406	-17	34	2.03	4	9002	OLIFANTS	10350	5	KA	5544
	12	22	22	54	1.4766	1	6	53	10.140	-20	5	59.55	4	9002	OLIFANTS	10350	8	KA	5545
	12	23	1	1	10.1052	1	5	48	21.992	52	1	40.17	4	9001	ORGAN PASS	8590	3	PB	5112
	12	23	1	1	18.1062	1	5	49	35.803	50	21	50.63	4	9001	ORGAN PASS	8590	7	PB	5113
	12	23	22	33	9.6648	1	7	2	47.302	-18	19	50.72	4	9002	OLIFANTS	10363	7	PB	5546
	12	23	22	33	33.6645	1	7	14	57.845	-20	47	41.54	4	9002	OLIFANTS	10363	13	PB	5547
	12	24	0	41	29.0433	1	19	2	6.054	67	18	12.29	4	9010	JUPITER	8132	1	KA	5021
	12	24	5	58	26.5518	1	18	19	31.886	76	18	33.77	4	9012	MAUI	8494	2	SC	5492
	12	24	5	58	28.5519	1	18	19	25.749	76	36	17.45	4	9012	MAUI	8494	3	PB	5493
	12	24	8	33	43.8088	1	4	33	13.214	55	16	44.28	4	9005	TOKYO	7197	4	BZ	7095
	12	24	8	34	5.2430	1	4	46	41.497	50	1	0.97	4	9005	TOKYO	7197	10	LE	5054
	12	25	16	51	50.9508	1	11	0	4.782	-54	41	6.98	4	9003	WOOMERA	12026	3	SS	5188
	12	25	16	52	14.9503	1	11	10	35.730	-54	26	37.69	4	9003	WOOMERA	12026	6	SS	5189
	12	26	5	58	53.8537	1	10	38	55.283	-51	57	2.33	4	9011	VILLA DOLO	7771	3	KA	5024
	12	26	5	59	57.8516	1	11	6	31.707	-51	32	15.52	4	9011	VILLA DOLO	7771	7	KA	5025
	12	26	10	33	14.1567	1	21	13	5.396	29	16	15.30	4	9005	TOKYO	7237	3	SC	5285
	12	26	13	9	3.5938	1	20	3	53.556	80	17	37.80	4	9006	NAIN TAL	5873	2	WS	5044
	12	26	13	9	15.5941	1	20	48	2.248	82	17	4.01	4	9006	NAIN TAL	5873	5	WS	5045
	12	26	16	30	16.4240	1	10	51	45.329	-53	28	35.35	4	9003	WOOMERA	12035	2	TJ	5190
	12	26	16	31	4.4235	1	11	12	22.844	-52	59	0.20	4	9003	WOOMERA	12035	8	TJ	5191
	12	28	2	29	6.1775	1	9	33	3.362	-11	22	1.10	4	9011	VILLA DOLO	7792	3	KA	5059
	12	28	2	29	30.1770	1	9	38	47.098	-12	30	14.92	4	9011	VILLA DOLO	7792	6	KA	5287
	12	28	5	17	27.2018	1	11	1	36.735	-48	19	50.91	4	9011	VILLA DOLO	7799	3	NG	5288
	12	28	5	17	51.2014	1	11	10	37.627	-48	6	34.03	4	9011	VILLA DOLO	7799	6	NG	5062
	12	29	1	38	58.3566	1	23	24	13.307	64	50	2.77	4	9001	ORGAN PASS	8635	3	TJ	5050
	12	29	1	39	2.3564	1	23	35	40.334	64	44	0.87	4	9001	ORGAN PASS	8635	5	TJ	5051
	12	29	12	37	55.9119	1	9	9	35.231	- 7	8	33.84	4	9003	WOOMERA	12072	2	TJ	5192
	12	29	12	38	35.9105	1	9	19	29.456	- 9	23	52.86	4	9003	WOOMERA	12072	7	TJ	5193
	12	29	15	26	31.9403	1	10	44	58.438	-48	32	38.48	4	9003	WOOMERA	12077	3	NG	5009
	12	29	15	26	55.9398	1	10	54	34.883	-48	20	3.49	4	9003	WOOMERA	12077	6	NG	5010
	12	29	18	21	14.3484	1	13	24	36.637	-52	53	53.17	4	9003	WOOMERA	12081	6	NG	5011
	12	29	20	30	43.6427	1	8	50	33.530	-17	34	8.14	4	9002	OLIFANTS	10390	6	NG	5548
	12	29	20	31	23.6420	1	9	4	35.668	-20	6	11.12	4	9002	OLIFANTS	10390	11	NG	6086
	12	29	23	8	30.5449	1	3	17	28.270	-16	49	25.78	4	9002	OLIFANTS	10392	4	NG	5550
	12	29	23	8	54.5450	1	3	24	6.581	-19	15	26.79	4	9002	OLIFANTS	10392	7	NG	6087
	12	30	1	17	48.9569	1	22	37	6.625	67	56	34.19	4	9001	ORGAN PASS	8649	4	BZ	6505
	12	30	1	18	0.9546	1	23	12	26.582	68	5	32.32	4	9001	ORGAN PASS	8649	7	BZ	5052